Division of Transportation Systems Development
Northwest Region

718 W. Clairemont Ave.
Eau Claire, WI 54701

1701 N. 4th St.
Superior, WI 54880

Scott Walker, Governor
Mark Gottlieb, P.E., Secretary
Internet: www.dot.wisconsin.gov

Telephone: 715-836-2891
Facsimile (FAX): 715-836-2807

E-mail: nwr.dtsd@dot.wi.gov

September 26, 2016

Karen Kalvelage
Wisconsin Dept. of Natural Resources
3550 Mormon Coulee Road
La Crosse, WI, 54601

DOT Checklist for DNR Project Reviews
Date that review is requested by 11/1/2016.

----Project Details----

Project ID:**7550-01-70**
County:**Jackson**
Route:**STH 54**
Termini:**STH 71 - 11th Street**
Water Body Names:**Squaw Creek**

----Type of Review Requested----

- ☐ Initial Concurrence & Comments
- ☒ Final Concurrence
- ☐ 401 Water Quality Certification
- ☐ Other:

----Project Type----

- ☐ Major (expansion, relocation)
- ☐ Reconstruction
- ☐ Recondition
- ☒ Resurface

- ☐ SHRM (State Hwy Rehab/Maintenance)
- ☒ Bridge Deck
- ☐ Bridge Replacement
- ☐ Other:

----Work Involved----

- ☒ Culvert Replacements/Extensions
- ☐ Storm Sewer
- ☐ Intersection Improvement
- ☒ Beam Guard Replacement/Upgrade
- ☐ Right of Way Required

- ☒ Shoulder Work
- ☒ Grading
- ☐ Borrow/Waste Site Required
- ☐ Channel Change/Stream Relocation
- ☒ Other:**Asphaltic Overlay B-27-0061**

Environmental Document Type **Due Date 06/01/2014**

- ☐ Environmental Impact Statement (EIS)
- ☐ Environmental Assessment (EA)
- ☐ Environmental Report (ER)
- ☒ Programmatic Environmental Report (pER)
- ☐ Categorical Exclusion (CE)

----Project Description (attach additional sheets as necessary)----
The project consists of a 2" surface mill and the placement of 2" of asphaltic pavement along a 15.9 mile stretch of STH 54 in Jackson County. The beginning of the project starts about 200 feet north of the STH 54 / STH 71 intersection in Melrose and ends about 400 feet west of CTH R in Black River Falls. Structure B-27-0061 will undergo an asphaltic overlay. The project also includes beam guard, pavement marking, permanent signing, and culvert extensions/replacements.

This project is tied to Project 7550-01-72 and Project 7550-03-73. I am requesting final concurrence & comments on all three projects. See attached.

See Attached CDR and Plan for more project details. Please contact me if you have any questions or concerns. Thanks.

Sincerely,

Adam Hetrick
Project Leader
715-836-2855
NW Region - Eau Claire

cc: District Files
Region Environmental Coordinator

Division of Transportation Systems Development
Northwest Region

718 W. Clairemont Ave.
Eau Claire, WI 54701

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September 26, 2016

Karen Kalvelage
Wisconsin Dept. of Natural Resources
3550 Mormon Coulee Road
La Crosse, WI, 54601

DOT Checklist for DNR Project Reviews
Date that review is requested by 11/1/2016.

----Project Details----

Project ID:**7550-01-72**
County:**Jackson**
Route:**STH 54**
Termini:**Trout Run Creek Bridge B-27-067**
Water Body Names:**Trout Run Creek**

----Type of Review Requested----

- ☐ Initial Concurrence & Comments
- ☒ Final Concurrence
- ☐ 401 Water Quality Certification
- ☐ Other:

----Project Type----

- ☐ Major (expansion, relocation)
- ☐ Reconstruction
- ☐ Recondition
- ☐ Resurface

- ☐ SHRM (State Hwy Rehab/Maintenance)
- ☒ Bridge Deck
- ☐ Bridge Replacement
- ☐ Other:

----Work Involved----

- ☐ Culvert Replacements/Extensions
- ☐ Storm Sewer
- ☐ Intersection Improvement
- ☒ Beam Guard Replacement/Upgrade
- ☐ Right of Way Required

- ☒ Shoulder Work
- ☒ Grading
- ☐ Borrow/Waste Site Required
- ☐ Channel Change/Stream Relocation
- ☒ Other:**Concrete Overlay B-27-0067**

Environmental Document Type **Due Date 06/01/2014**

- ☐ Environmental Impact Statement (EIS)
- ☐ Environmental Assessment (EA)
- ☐ Environmental Report (ER)
- ☒ Programmatic Environmental Report (pER)
- ☐ Categorical Exclusion (CE)

----Project Description (attach additional sheets as necessary)----
The project consists of a concrete overlay of structure B-27-0067 on STH 54 over Trout Run Creek in Jackson County. The structure is located approximately 400 feet south of CTH X. The project also includes beam guard, pavement marking, and permanent signing.

This project is tied to Project 7550-01-70 and Project 7550-03-73. I am requesting final concurrence & comments on all three projects. See attached.

See Attached CDR and Plan for more project details. Please contact me if you have any questions or concerns. Thanks.

Sincerely,

Adam Hetrick
Project Leader
715-836-2855
NW Region - Eau Claire

cc: District Files
Region Environmental Coordinator

Division of Transportation Systems Development
Northwest Region

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September 26, 2016

Karen Kalvelage
Wisconsin Dept. of Natural Resources
3550 Mormon Coulee Road
La Crosse, WI, 54601

DOT Checklist for DNR Project Reviews
Date that review is requested by 11/1/2016.

----Project Details----

Project ID:**7550-03-73**
County:**Jackson**
Route:**STH 54**
Termini:**CTH R - 11th Street**
Water Body Names:**N/A.**

----Type of Review Requested----

- ☐ Initial Concurrence & Comments
- ☒ Final Concurrence
- ☐ 401 Water Quality Certification
- ☐ Other:

----Project Type----

- ☐ Major (expansion, relocation)
- ☐ Reconstruction
- ☒ Recondition
- ☐ Resurface

- ☐ SHRM (State Hwy Rehab/Maintenance)
- ☐ Bridge Deck
- ☐ Bridge Replacement
- ☐ Other:

----Work Involved----

- ☐ Culvert Replacements/Extensions
- ☒ Storm Sewer
- ☒ Intersection Improvement
- ☒ Beam Guard Replacement/Upgrade
- ☐ Right of Way Required

- ☒ Shoulder Work
- ☒ Grading
- ☒ Borrow/Waste Site Required
- ☐ Channel Change/Stream Relocation
- ☐ Other:

Environmental Document Type **Due Date 08/01/2014**

- ☐ Environmental Impact Statement (EIS)
- ☐ Environmental Assessment (EA)
- ☐ Environmental Report (ER)
- ☒ Programmatic Environmental Report (pER)
- ☐ Categorical Exclusion (CE)

----Project Description (attach additional sheets as necessary)----
This Highway Safety Improvement Program (HSIP) project consists of reconditioning STH 54 from a standard 2 lane rural roadway to a Two-Way Left-Turn Lane with curb and gutter. The beginning of the project starts about 400 feet west of CTH R and ends at 11th Street in Black River Falls. The length of the project is approximately 0.299 miles (1580 feet).

Proposed construction will involve removing portions of the existing pavement by milling, adding curb & gutter, asphaltic paving, and grading of terrace and ditches to match into existing terrain. The project also includes beam guard, pavement marking, permanent signing, and possibly some storm sewer improvements.

This project is tied to Project 7550-01-70 and Project 7550-01-72. I am requesting final concurrence & comments on all three projects.

See Attached HSIP Application (acts as CDR) and Plan for more project details. Please contact me if you have any questions or concerns. Thanks.

Sincerely,

Adam Hetrick
Project Leader
715-836-2855
NW Region - Eau Claire

cc: District Files
Region Environmental Coordinator

PROGRAMMATIC ENVIRONMENTAL CHECK LIST

Wisconsin Department of Transportation
DT2261 12/2006

Project ID	County	Funding Source
7550-01-30/70	Jackson	☐ State Only ☒ Federal

Project Termini/Location	Estimated Project Cost - Include R/W Acquisition
(7550-01-30/70) Melrose - Black River Falls STH 71 to 11th Street	(7550-01-30/70) $5,087,980

Name of Facility to be Improved	Facility Classification
STH 54	Minor Arterial

R/W to be Acquired

0.00 Total Acres 0.00 Fee Simple Acres 0.00 Permanent Easement Acres 0.00 Temporary Easement Acres

Number of Buildings Acquired

☐ None Vacant Buildings Occupied Buildings

Name of Individual Completing this Form	Date
Adam A. Sarauer	7/1/2015

Based on current knowledge of the proposal, I certify that to the best of my knowledge, the conditions, concerns, and issues reported on this checklist accurately reflect those affecting and affected by the proposal.

Adam A. Sarauer — (Signature) 7/01/15 — (Date)

Adam A. Sarauer, P.E. — (Name)

Civil Engineer - Transportation Senior — (Title)

Wisconsin Department of Transportation — (Organization)

Description of Proposed Action - Insert project location map and other appropriate exhibits.

The proposed Project 7550-01-30/70 consists of resurfacing approximately 15.7 miles of WIS 54 from WIS 71, in the Village of Melrose, to CTH R, in the City of Black River Falls. This project also includes spot improvements to beam guard & terminals, spot culvert improvements, an asphaltic overlay of B-27-0061 (WIS 54 over Squaw Creek), permanent pavement marking, and permanent signing. It is located in Sections 17, 9, 8, 5, & 4, T-19-N, R-5-W, in the Township of Melrose and in Sections 33, 28, 27, 26, & 25, T-20-N, R-5-W and Sections 30, 19, 18, 17, 8, & 7, T-20-N, R-4-W, in the Township of Irving and in Sections 6 & 5, T-20-N, R-4-W, and Sections 33, 32, 28, & 21, T-21-N, R-4-W, in the Township of Albion, in Jackson County, Wisconsin.

WIS 54 is not part of the National Highway System from WIS 71(Sta. 33+00) to CTH C(Sta. 833+50). WIS 54 is part of the National Highway System from CTH C(Sta. 833+50) to CTH R(Sta. 851+50). WIS 54 will remain open to traffic during construction. (See Exhibits A & B)

A. Right-of-Way Acquisition

Right-of-Way may be acquired by fee simple purchase, permanent or temporary easement, right of entry, gift or other device

1. Will additional right of way need to be acquired?
   - ☒ No R/W acquired. Proceed to item B
   - ☐ Yes – R/W to be acquired. It is strongly recommended that input be sought from real estate interests to identify issues (if any) and costs.

2. Indicate type of improvement
   - ☐ Reconditioning (Go to question #3.)
   - ☐ Pavement replacement (Go to question #3.)
   - ☐ Resurfacing (Go to question #3.)
   - ☐ Bridge rehabilitation (Go to question #4.)
   - ☐ Minor bridge replacement (Go to question #4.)

BASIC SHEET 8 – ENVIRONMENTAL COMMITMENTS

Attach a copy of this page to the design study report and the PSE submittal package.

Factor Sheet	Comments
A-1 General Economics	No Commitments Needed.
A-2 Business	Commitments Made. The road will remain open to through traffic during construction with the use of temporary lane closures and flaggers. Access to residential and business properties will be maintained during construction.
A-3 Agriculture	No Commitments Needed.
B-1 Community or Residential	Commitments Made. The road will remain open to through traffic during construction with the use of temporary lane closures and flaggers. Access to residential and business properties will be maintained during construction.
B-2 Indirect Effects	No Commitments Needed.
B-3 Cumulative Effects	No Commitments Needed.
B-4 Environmental Justice	No Commitments Needed.
B-5 Historic Resources	No Commitments Needed.
B-6 Archaeological Sites	Commitments Made. Petition the Wisconsin Historical Society within a year of construction per Wisconsin Statute 157.70. Burial petition/authorization required for BJA-0033 (Little Norway Cemetary) and for BJA-0077 (Spring Creek Cemetery). WisDOT shall ensure a qualified archaeologist (per 48 FR 44738) is present to monitor project-related ground disturbing activities beyond the existing back slope intercept within the boundaries of the archaeological sites 47JA24 (Sand Burr), 47JA28 (Mason Surface Collection), 47JA73 (unnamed site). If the undertaking includes ground disturbance beyond existing right-of-way, consultation with WHS per 157.70 is required for burial site BJA-0034 (Irving Cemetery). The WisDOT shall take measures to ensure the archaeological sites 47JA24 (Sand Burr), 47JA28 (Mason Surface Collection), 47JA73 (unnamed site), 47JA208 (JA-L), & BJA-0034 (Irving Cemetery) is not used for borrow or waste disposal, or for the staging of personnel, equipment and/or supplies.
B-7 Tribal Coordination/Consultation	No Commitments Needed.
B-8 Section 4(f) and 6(f) or Other Unique Areas	No Commitments Needed.
B-9 Aesthetics	No Commitments Needed.
C-1 Wetlands	No Commitments Needed.
C-2 Rivers, Streams and Floodplains	No Commitments Needed.
C-3 Lakes or other Open Water	No Commitments Needed.
C-4 Groundwater, Wells and Springs	No Commitments Needed.
C-5 Upland Wildlife and Habitat	No Commitments Needed.

C-6 Coastal Zones	No Commitments Needed.
C-7 Threatened and Endangered Species	No Commitments Needed.
D-1 Air Quality	No Commitments Needed.
D-2 Construction Stage Sound Quality	No Commitments Needed.
D-3 Traffic Noise	No Commitments Needed.
D-4 Hazardous Substances or Contamination	Commitments Made. Asbestos was found on B-27-0061. If asbestos-containing material (ACM) will be impacted, remove prior to construction and include STSP 203-005 in the special provisions. If the ACM will not be disturbed during the overlay, then include STSP 107-120 in the special provisions.
D-5 Storm Water	No Commitments Needed.
D-6 Erosion Control	No Commitments Needed.
E- Other	

Factor Sheets (to follow Basic Sheets)

Appendices

PROGRAMMATIC ENVIRONMENTAL CHECK LIST

Wisconsin Department of Transportation
DT2261 12/2006

Project ID	County	Funding Source
7550-01-02/72	Jackson	☒ State Only ☐ Federal

Project Termini/Location	Estimated Project Cost - Include R/W Acquisition
(7550-01-02/72) Melrose - Black River Falls Trout Run Creek Bridge B-27-0067	(7550-01-02/72) $228,000

Name of Facility to be Improved	Facility Classification
STH 54	Minor Arterial

R/W to be Acquired

0.00 Total Acres 0.00 Fee Simple Acres 0.00 Permanent Easement Acres 0.00 Temporary Easement Acres

Number of Buildings Acquired

☐ None Vacant Buildings Occupied Buildings

Name of Individual Completing this Form	Date
Adam A. Sarauer	5/22/2015

Based on current knowledge of the proposal, I certify that to the best of my knowledge, the conditions, concerns, and issues reported on this checklist accurately reflect those affecting and affected by the proposal.

Adam A. Sarauer
(Signature)

5/22/15
(Date)

Adam A. Sarauer, P.E.
(Name)

Civil Engineer - Transportation Senior
(Title)

Wisconsin Department of Transportation
(Organization)

Description of Proposed Action - Insert project location map and other appropriate exhibits.

The proposed Project 7550-01-02/72 consists of rehabilitating bridge B-27-0067 (WIS 54 over Trout Run Creek) with a concrete overlay. This project also includes spot improvements to beam guard, asphaltic paving, and pavement marking. It is located in Section 13, T-20-N, R-5-W, in the Township of Irving, in Jackson County, Wisconsin.

WIS 54 is not part of the National Highway System and will remain open to traffic during construction. (See Exhibits A & B)

A. Right-of-Way Acquisition

Right-of-Way may be acquired by fee simple purchase, permanent or temporary easement, right of entry, gift or other device

1. Will additional right of way need to be acquired?
   - ☒ No R/W acquired. Proceed to item B
   - ☐ Yes – R/W to be acquired. It is strongly recommended that input be sought from real estate interests to identify issues (if any) and costs.

2. Indicate type of improvement
   - ☐ Reconditioning (Go to question #3.)
   - ☐ Pavement replacement (Go to question #3.)
   - ☐ Resurfacing (Go to question #3.)
   - ☐ Bridge rehabilitation (Go to question #4.)
   - ☐ Minor bridge replacement (Go to question #4.)

3. For reconditioning, pavement replacement, or resurfacing projects (3R projects), sites meeting the one-half acre test must have an archival and literature search conducted to confirm there are no archaeological sites or historic buildings or structures affected by the project. See FDM Procedure 26-5-1

   Will the project acquire less than 1/2 acre per mile?
   - ☐ Yes - Meets criterion - This condition suggests that this proposal could be placed on the Screening List for the Historical Society. See item C below.
   - ☐ No - Criterion not met - The Screening list cannot be used for this proposal

BASIC SHEET 8 – ENVIRONMENTAL COMMITMENTS

Attach a copy of this page to the design study report and the PSE submittal package.

Factor Sheet	Comments
A-1 General Economics	No Commitments Needed.
A-2 Business	Commitments Made. The road will remain open to through traffic during construction with the use of temporary lane closures, flaggers, and temporary signals. Access to residential and business properties will be maintained during construction.
A-3 Agriculture	No Commitments Needed.
B-1 Community or Residential	Commitments Made. The road will remain open to through traffic during construction with the use of temporary lane closures, flaggers, and temporary signals. Access to residential and business properties will be maintained during construction.
B-2 Indirect Effects	No Commitments Needed.
B-3 Cumulative Effects	No Commitments Needed.
B-4 Environmental Justice	No Commitments Needed.
B-5 Historic Resources	No Commitments Needed.
B-6 Archaeological Sites	No Commitments Needed.
B-7 Tribal Coordination/Consultation	No Commitments Needed.
B-8 Section 4(f) and 6(f) or Other Unique Areas	No Commitments Needed.
B-9 Aesthetics	No Commitments Needed.
C-1 Wetlands	No Commitments Needed.
C-2 Rivers, Streams and Floodplains	No Commitments Needed.
C-3 Lakes or other Open Water	No Commitments Needed.
C-4 Groundwater, Wells and Springs	No Commitments Needed.
C-5 Upland Wildlife and Habitat	No Commitments Needed.
C-6 Coastal Zones	No Commitments Needed.
C-7 Threatened and Endangered Species	No Commitments Needed.
D-1 Air Quality	No Commitments Needed.
D-2 Construction Stage Sound Quality	No Commitments Needed.
D-3 Traffic Noise	No Commitments Needed.
D-4 Hazardous Substances or Contamination	Commitments Made. Asbestos was found on B-27-0067. If asbestos-containing material (ACM) will be impacted, remove prior to construction and include STSP 203-005 in the special provisions. If the ACM will not be disturbed during the overlay, then include STSP 107-120 in the special provisions.
D-5 Storm Water	No Commitments Needed.
D-6 Erosion Control	No Commitments Needed.

Project 7550-01-02/72

E- Other	

Factor Sheets (to follow Basic Sheets)

Appendices

PROGRAMMATIC ENVIRONMENTAL CHECK LIST

Wisconsin Department of Transportation
DT2261 12/2006

Project ID	County	Funding Source
7550-03-03/73	Jackson	☐ State Only ☒ Federal
Project Termini/Location: City of Black River Falls, Melrose Street CTH R to 11th Street		Estimated Project Cost - Include R/W Acquisition: $629,000
Name of Facility to be Improved: STH 54		Facility Classification: Principal Arterial

R/W to be Acquired

0.00 Total Acres 0.00 Fee Simple Acres 0.00 Permanent Easement Acres 0.00 Temporary Easement Acres

Number of Buildings Acquired

☐ None Vacant Buildings Occupied Buildings

Name of Individual Completing this Form	Date
Adam A. Sarauer	5/22/2015

Based on current knowledge of the proposal, I certify that to the best of my knowledge, the conditions, concerns, and issues reported on this checklist accurately reflect those affecting and affected by the proposal.

Adam A. Sarauer — (Signature) 5/22/15 — (Date)

Adam A. Sarauer, P.E. — (Name)

Civil Engineer - Transportation Senior — (Title)

Wisconsin Department of Transportation — (Organization)

Description of Proposed Action - Insert project location map and other appropriate exhibits.

The proposed Project 7550-03-03/73 consists of reconditioning 0.299 miles of WIS 54 from approximately 385 feet west of CTH R to approximately 100 feet west of 11th Street, in the City of Black River Falls. The project will convert the existing two lane roadway to a three lane roadway with a two-way left-turn lane between CTH R and 11th Street. This would extend the present two-way left-turn lane which exists east of 11th Street.

This project includes asphaltic milling and paving, grading, curb and gutter, spot improvements to beam guard, pavement marking, and permanent signing. It is located in Sections 21 & 22, T-21-N, R-4-W, in the Township of Albion and Section 15, T-21-N, R-4-W, in the Township of Adams, in Jackson County, Wisconsin.

WIS 54 is part of the National Highway System and will remain open to traffic during construction. (See Exhibits A & B)

A. Right-of-Way Acquisition

Right-of-Way may be acquired by fee simple purchase, permanent or temporary easement, right of entry, gift or other device

1. Will additional right of way need to be acquired?
   - ☒ No R/W acquired. Proceed to item B
   - ☐ Yes – R/W to be acquired. It is strongly recommended that input be sought from real estate interests to identify issues (if any) and costs.

2. Indicate type of improvement
   - ☐ Reconditioning (Go to question #3.)
   - ☐ Pavement replacement (Go to question #3.)
   - ☐ Resurfacing (Go to question #3.)
   - ☐ Bridge rehabilitation (Go to question #4.)
   - ☐ Minor bridge replacement (Go to question #4.)

3. For reconditioning, pavement replacement, or resurfacing projects (3R projects), sites meeting the one-half acre test must have an archival and literature search conducted to confirm there are no archaeological sites or historic buildings or structures affected by the project. See FDM Procedure 26-5-1

BASIC SHEET 8 – ENVIRONMENTAL COMMITMENTS

Attach a copy of this page to the design study report and the PSE submittal package.

Factor Sheet	Comments
A-1 General Economics	No Commitments Needed.
A-2 Business	Commitments Made. The road will remain open to through traffic during construction with the use of temporary lane closures and flaggers. Access to residential and business properties will be maintained during construction.
A-3 Agriculture	No Commitments Needed.
B-1 Community or Residential	Commitments Made. The road will remain open to through traffic during construction with the use of temporary lane closures and flaggers. Access to residential and business properties will be maintained during construction.
B-2 Indirect Effects	No Commitments Needed.
B-3 Cumulative Effects	No Commitments Needed.
B-4 Environmental Justice	No Commitments Needed.
B-5 Historic Resources	No Commitments Needed.
B-6 Archaeological Sites	No Commitments Needed.
B-7 Tribal Coordination/Consultation	No Commitments Needed.
B-8 Section 4(f) and 6(f) or Other Unique Areas	No Commitments Needed.
B-9 Aesthetics	No Commitments Needed.
C-1 Wetlands	No Commitments Needed.
C-2 Rivers, Streams and Floodplains	No Commitments Needed.
C-3 Lakes or other Open Water	No Commitments Needed.
C-4 Groundwater, Wells and Springs	No Commitments Needed.
C-5 Upland Wildlife and Habitat	No Commitments Needed.
C-6 Coastal Zones	No Commitments Needed.
C-7 Threatened and Endangered Species	No Commitments Needed.
D-1 Air Quality	No Commitments Needed.
D-2 Construction Stage Sound Quality	No Commitments Needed.
D-3 Traffic Noise	No Commitments Needed.
D-4 Hazardous Substances or Contamination	No Commitments Needed.
D-5 Storm Water	No Commitments Needed.
D-6 Erosion Control	No Commitments Needed.
E- Other	

Factor Sheets (to follow Basic Sheets)

Project 7550-03-03/73

Date: 05/12/2010 **Region:** NW PDS EAU CLAIRE UNIT 3

Prepared By: HAYEK, MOHAMAD M - DOTMMH

GENERAL

Design ID: 7550 01 30 **Related ID(s):** 7550-01-70

Highway No. or Local Road Name: STH 054 **Route length (miles):** 15.87

Title/Limit: MELROSE - BLACK RIVER FALLS STH 71 TO 11TH STREET

Functional class: MINOR ARTERIAL

Current ADT: 2314 **Connecting hwy:** N

COUNTIES

County name	Primary Flag
JACKSON	Y

FEATURES

Roadway conditions

Lanes: 2 **Divided:** N **Rural:** Y

Pavement width (ft): 24 **Pavement condition year:** 0 **Pavement surface type:** ACPM/FB

IRI: 1.452 **PDI:** **PCI:** 88.992

Left shoulder surface type: Asphalt **Right shoulder surface type:** Asphalt **Shoulder width (ft):** 8

Paved width (ft): 3 **Crash rate:** 263.8701 **Crash rate year:** 2008

Substandard algn horiz: GOOD **Substandard algn vert:** GOOD

Crash rate improvement flag: N **Injury death improvement flag:** N

Runoff improvement flag: Y **Intersection improvement flag:** Y

Structures

Structures flag: Y

ID	Feature under	Feature on	Type	Yr const	Width (ft)	Length (ft)	SR	RS
B27001600000000	DOUGLAS CREEK	STH 54	BRIDGE	1955	36	147	93.3	97.6
B27006100000000	SQUAW CREEK	STH 54	BRIDGE	1965	43	104.2	86.1	95

B2700670 0000000	TROUT RUN CREEK	STH 54	BRIDGE	1970	38	137	87.5	89
B2700760 0000000	ROARING CREEK	STH 54	BRIDGE	1986	38	70.3	95.4	100
C2700310 0000000	WHITE CREEK	STH 54	BRIDGE	1991		16.6		

Railroad Crossings

Railroad crossing flag: N

PROPOSED IMPROVEMENT

JUSTIFICATION: The present pavement is cracking and will exceed its service life by the scheduled construction year.

Proposed improvement description: This improvement will include the following- surface mill 2 inches of existing pavement and overlay with 2 inches HMA, spot asphaltic base patching, culvert pipe repair & replacement, beam guard replacement (as needed), permanent signs replacement, and pavement marking.This project will be constructed under traffic.

Environment documentation type: 2B - STATE DOCUMENTED CATEGORICAL EXCLUSION

Improvement concept: ROADWAY MAINTENANCE, PRESERVATION

Total construction estimate: $3,150,000.00

Utility amount: $0.00

Railroad amount: $0.00

Design amount: $320,000.00

Program year: 2017

Legislative subprogram: 303 -STATE HIGHWAY REHABILITATION

WisDOT Programs

STATE 3R - Allocated

Local participation: N

Access control: NA

Aes/Vis Lvl Of Impact Rating:

% Of Project Cost:0

Real estate: N

Real estate cost: $0.00

NHS: N

FHWA Oversight Exempt: N

CONCEPT DEFINITION REPORT - REVISED

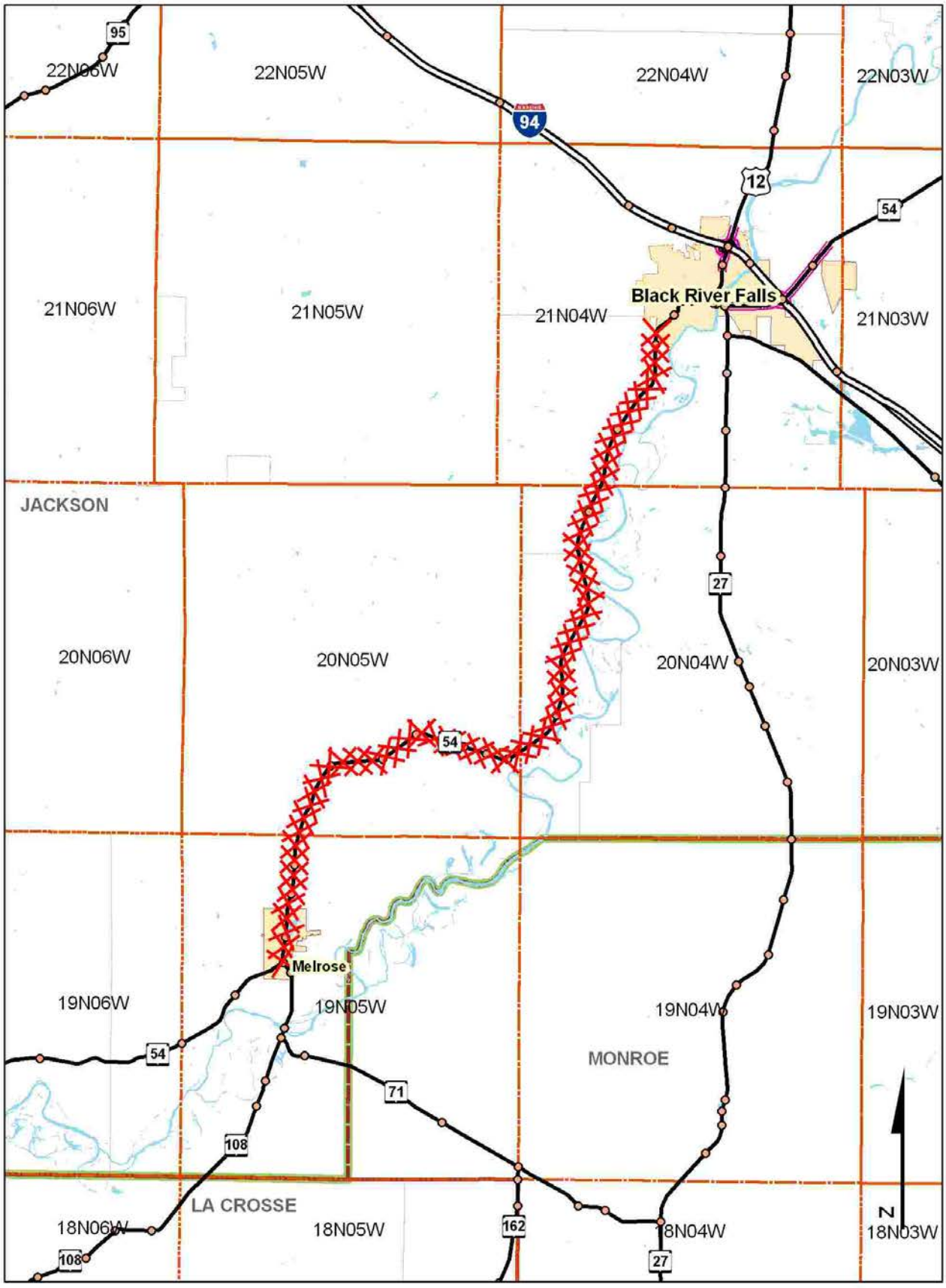
Accepted By: *MOHAMAD M HAYEK*

Accepted Date: 08/26/2013

Original Accepted By: *MOHAMAD M HAYEK*

Original Accepted Date: 05/12/2010

CDR Map


95
22N06W
22N05W
22N04W
22N03W
94
12
54
Black River Falls
21N06W
21N05W
21N04W
21N03W
JACKSON
27
20N06W
20N05W
20N04W
20N03W
54
Melrose
19N06W
19N05W
19N04W
19N03W
54
MONROE
71
108
LA CROSSE
18N06W
18N05W
162
18N04W
18N03W
108
27
N

CONCEPT DEFINITION REPORT

Date: 08/26/2013 **Region:** NW PDS EAU CLAIRE UNIT 4

Prepared By: HAYEK, MOHAMAD M - DOTMMH

GENERAL

Design ID: 7550 01 02 **Related ID(s):** 7550-01-72

Highway No. or Local Road Name: STH 054 **Route length (miles):** 0.03

Title/Limit: MELROSE - BLACK RIVER FALLS TROUT RUN CREEK BRIDGE B-27-0067

Functional class: MINOR ARTERIAL

Current ADT: 1650 **Connecting hwy:** N

COUNTIES

County name	Primary Flag
JACKSON	Y

FEATURES

Roadway conditions

Lanes: 2 **Divided:** N **Rural:** Y

Pavement width (ft): 24 **Pavement condition year:** 0 **Pavement surface type:** ACPM/FB

IRI: 1.54 **PDI:** **PCI:** 63

Left shoulder surface type: Asphalt **Right shoulder surface type:** Asphalt **Shoulder width (ft):** 8

Paved width (ft): 3 **Crash rate:** 29.3082 **Crash rate year:** 2011

Substandard algn horiz: GOOD **Substandard algn vert:** GOOD

Crash rate improvement flag: N **Injury death improvement flag:** N

Runoff improvement flag: N **Intersection improvement flag:** N

Structures

Structures flag: N

Railroad Crossings

Railroad crossing flag: N

PROPOSED IMPROVEMENT

JUSTIFICATION: Existing structure B-27-0067 was built in 1970 and overlaid in 1985.The existing overlay has approximately 20 percent delamination of the concrete and is in need of a new concrete overlay.

Proposed improvement description: This project is scheduled for a bridge rehabilitation (BRRHB) type improvement.This improvement includes placing a PCC overlay on the deck, and upgrading beam guard as required.This work will be done half at a time under traffic.The use of traffic-actuated signals is recommended.

Environment documentation type: 2A - PROGRAMMATIC CATEGORICAL EXCLUSION

Improvement concept: BRIDGE REHABILITATION

Total construction estimate: $300,000.00

Utility amount: $0.00

Railroad amount: $0.00

Design amount: $30,000.00

Program year: 2017

Legislative subprogram: 303 -STATE HIGHWAY REHABILITATION

WisDOT Programs

SHR BRIDGES - Allocated

Local participation: N

Aes/Vis Lvl Of Impact Rating:

Real estate: N

NHS: N

Access control: NA

% Of Project Cost:0

Real estate cost: $0.00

FHWA Oversight Exempt: Y

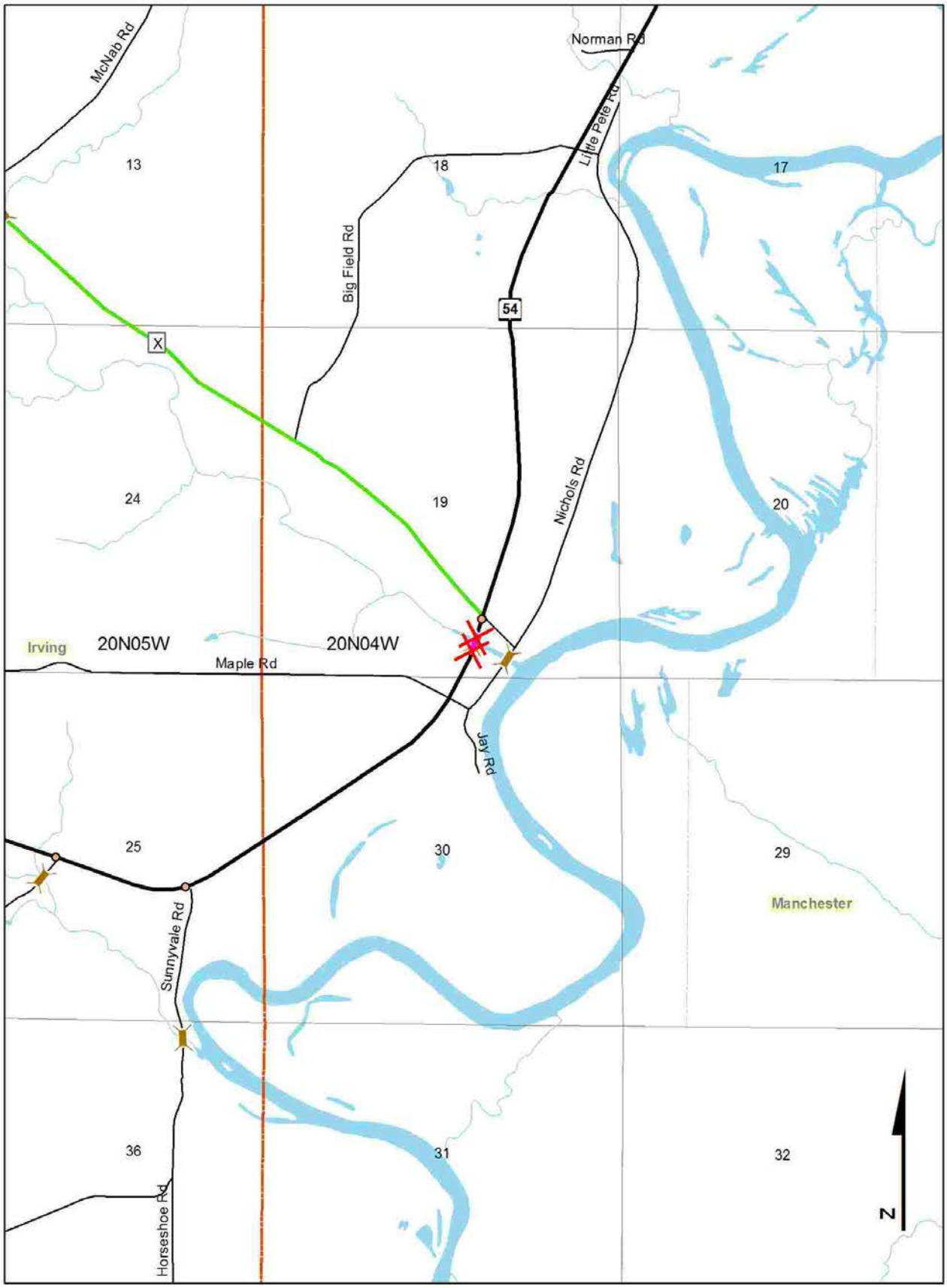
Accepted By: *MOHAMAD M HAYEK*

Original Accepted By:

Accepted Date: 08/26/2013

Original Accepted Date:

CDR Map


McNab Rd
Norman Rd
Little Pete Rd
13
18
17
Big Field Rd
54
X
24
19
20
Nichols Rd
Irving
20N05W
20N04W
Maple Rd
Jay Rd
25
30
29
Manchester
Sunnyvale Rd
36
31
32
Horseshoe Rd
N

Project Application for 2014-2017 HIGHWAY SAFETY IMPROVEMENT PROGRAM

DESIGN ID: 7550-03-03	TIED PROJECT IDs:
RELATED ID(s): (R/W) (CONST 7550-03-73	

Project Description

1. NAME OF ROAD/INTERSECTION CTH R – 11th Street		HWY NO. STH 54
COUNTY Jackson	CITY OF Black River Falls	TOWN OF
NAME OF THE MPO THE PROJECT IS REPRESENTED BY		

Is the estimated cost of the project less than $25,000? ☐ *Yes* ☐ *No*
If YES, be sure to complete Box 6 in addition to the rest of this form.

2A. SEGMENT Current Average Daily Traffic 7100		Project Length .23 Miles (~1200 feet)
Roadway Width 42'	Crash Rate 235 / 100 MVM	Shoulder Width 9', paved

2B. INTERSECTION Roadway Width	Crash Rate	Entering Vehicle Volume

Identification of Hazard

2C. Explain identified hazards such as: Visibility Restrictions, Curves, Hills, Intersection Problems, Bike/Ped Conflicts, Narrow Shoulders, Rutting, Etc.

This segment of STH 54 is a 2-lane, principal arterial on the west side of the City of Black River Falls. The cross-section is rural and is posted at 45 MPH before transitioning into a 25 MPH urban section TWLTL at 11th St. to the east. There have been 5 crashes between CTH R and 11th Street for the period of 2008-2012. Three of those crashes, including two Type B severity, were mainline lefts that stopped in traffic and were rear-ended by through vehicles. This segment has frequent left turn activity utilizing access points to the County Fairgrounds / Ice Arena, High /Middle School complex and County Health Care Facilities.

Proposed Improvement

3. **In some detail**, describe the proposed project and how it will address the identified hazard.

Convert to a 3-lane by installing a 12-foot TWLTL. Add curb to eliminate widening for rural shoulder and minimize slope impacts. 2-inch mill / fill to provide a new mat for TWLTL restriping and deeper mill / fill for strength in realigned through lanes. This improvement will provide left turn refuge that should significantly reduce the risk of mainline rear end crashes. A reduced speed limit will be considered for this urban cross-section. The segment of STH 54 east of the east project limit (11th St.) was converted to a 3-lane TWLTL in 2013. The City of Black River Falls is pleased with that conversion and supports providing left turn refuge westerly for .23 miles to CTH R. A large community center (fieldhouse, senior center, indoor pool, Boys and Girls Club) is proposed on the northwest side of STH 54, with one new access added and one existing access (Diploma Dr.) realigned by the locals as part of that construction. These access points will fit with the proposed HSIP improvement concept.

Project Cost

4. Estimate project costs in today's dollars)	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	HSIP Funds Requested
Preliminary Engineering-Design*: Include state review		50,000					50,000
Real Estate *							
Major Construction Items (Include Construction Engineering and Contingencies)				500,000			500,000
Other Costs							
** TOTAL		50,000		500,000			550,000

* Ineligible cost for Small Local HSIP Project (less than $25,000).
** The project sponsors will be responsible for any project costs in excess of the approved project cost.

Project Checklist

Complete this box only for projects less than $25,000:

5. Will project affect or use land from a property on the National Register of Historic Places? ☐ Yes ☐ No

Will project require the use of any publicly-owned land from a public park, recreation area, or wildlife and waterfowl refuge? ☐ Yes ☐ No

Is your municipality adequately staffed and equipped to do the work? ☐ Yes ☐ No

Does your municipality have prior commitments that would impair your performance of this work? ☐ Yes ☐ No

Contact Information and Signature

6. PRIMARY CONTACT PERSON or AGENCY		
NAME Greg Helgeson	TITLE Traffic Safety Engineer	
ADDRESS WisDOT, NW Region	TELEPHONE (715) 836-2980	
MUNICIPALITY	STATE	ZIP
7. SIGNATURE OF LOCAL APPROVING AUTHORITY		DATE

WisDOT Information – Shaded areas to be completed by WisDOT staff only.

A. Environmental Documentation Type pER	B. Hazard Elimination Type HSIP
C. Functional Class Principal Arterial	D. PEF 1.00

REGION APPROVAL Project Supervisor Rick Thoms	Date 2/17/14
Planning Supervisor James Thomas	Date 2/14/2014
C.O. Concurrence Scott Janowiak	Approved X Disapproved ____
Approving Authority	Date 4.4.2014

REVISED 03/28/11

HIGHWAY SAFETY PROJECT ANALYSIS - Project Evaluation Factor (PEF)

Information Input Sheet

Inputs for Existing Condition - user data entry items in italics :

ANALYST: Greg Helgeson, P.E., PTOE *PROJECT ID:* 7550-03-03. 74
LOCATION: STH 54 , CTH R to 11th Street, City of Black River Falls, Jackson County
LENGTH: 0.23 (MILES)
DATE OF ANALYSIS: 1.30.14
NO. OF YEARS OF DATA: 5
FIRST DATA YEAR : 2008
*COUNTER MEASURE CODE * :* 1l *DESCRIPTION:* Other, including roundabouts, - describe on line below
DESCRIBE OTHER COUNTER MEASURE (IF NECESSARY): Install 3-lane TWLTL, 2-inch asphalt mill/ fill and curb

Inputs for Proposed Improvement:

INITIAL CAPITAL COST: $550,000 *ANNUAL ADT GROWTH RATE:* 1.0%
MAINT., OPERATIONS COSTS : $1,000 (per year) *YR. OF PROJECT:* 2017
BASE YEAR: 2014 (current year)

*Use HSIP Counter Measure Codes - listed on Counter Measure Codes Sheet

Data Input Worksheet (Enter Number of Crashes by Crash Severity - PLEASE TAKE NOTE OF COMMENT IN CELL C22)

Year of crash data	2008						2009						2010						2011						2012					
Crash Type / Crash Severity	Ftl.	Inj. A	Inj. B	Inj. C	PD	Total	Ftl.	Inj. A	Inj. B	Inj. C	PD	Total	Ftl.	Inj. A	Inj. B	Inj. C	PD	Total	Ftl.	Inj. A	Inj. B	Inj. C	PD	Total	Ftl.	Inj. A	Inj. B	Inj. C	PD	Tota
Right Angle																														
Left Turn - Main Road															1			1												
Rear End			1			1											1	1			1			1						
Sideswipe-Opposite																														
Sideswipe-Same																														
Merging																														
Head On																														
Hit Object																												1		1
Run Off Road																														
Fail to Negotiate Curve																														
Pedestrian Collisions																														
Miscellaneous (list specifics):																														
Crash Totals	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	2	0	0	1	0	0	1	0	0	0	1	0	1

Summary Calculations

Crash Type/Crash Severity	*Estimate Crash Reduction - Enter as decimal value*	(Crash Total * Reduction Factors) Ftl	Inj A	Inj B	Inj C	PD
Right Angle		0	0	0	0	0
Left Turn - Main Road		0	0	0	0	0
Rear End	75%	0	0	1.5	0	0.75
Sideswipe-Opposite		0	0	0	0	0
Sideswipe-Same		0	0	0	0	0
Merging		0	0	0	0	0
Head On		0	0	0	0	0
Hit Object		0	0	0	0	0
Run Off Road		0	0	0	0	0
Fail to Negotiate Curve		0	0	0	0	0
Pedestrian Collisions		0	0	0	0	0
Miscellaneous (list specifics):		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	3	1	1

TOTAL CRASH REDUCTION

Fatal	0.00%
Injury A	0.00%
Injury B	50.00%
Injury C	0.00%
Property Damage	75.00%
Ave. Total Reduction	45.00%

Average # crashes/yr.

Fatals	Injury A	Injury B	Injury C	PD	Cum.
0.00	0.00	0.60	0.20	0.20	1.00

Analysis Values (Do not change w/o HSIP committee approval)

WisDOT Valuations of Crash Severity ($'s)

Multiple Fatals:	250,000
Multiple Inj. A's:	230,000
Inj. A's w/ Fatals:	230,000
Fatal:	200,000
Injury A:	200,000
Injury B:	200,000
Injury C:	50,000
Property Damage Only:	10,000

Other values

Analysis Period:	10 (years)
Discount Rate:	3.5%

HIGHWAY SAFETY PROJECT ANALYSIS - Project Evaluation Factor (PEF)

Analysis Results Sheet

ANALYST: Greg Helgeson, P.E., PTOE **Project ID** 7550-03-03. 74
LOCATION: STH 54 , CTH R to 11th Street, City of Black River Falls, Jackson County
COUNTER MEASURE: 1i - Other, including roundabouts, - describe on line below
DESCRIPTION OF OTHER MEASURE (if necessary): Install 3-lane TWLTL, 2-inch asphalt mill/ fill and curb

Expected Crash Experience:

	# of crashes without counter measure					# of crashes with counter measure				
Year	Fatals	Injuries A	Injuries B	Injuries C	PDOs	Fatals	Injuries A	Injuries B	Injuries C	PDOs
2017	0.00	0.00	0.63	0.21	0.21	0.00	0.00	0.32	0.21	0.05
2018	0.00	0.00	0.64	0.21	0.21	0.00	0.00	0.32	0.21	0.05
2019	0.00	0.00	0.64	0.21	0.21	0.00	0.00	0.32	0.21	0.05
2020	0.00	0.00	0.65	0.22	0.22	0.00	0.00	0.32	0.22	0.05
2021	0.00	0.00	0.65	0.22	0.22	0.00	0.00	0.33	0.22	0.05
2022	0.00	0.00	0.66	0.22	0.22	0.00	0.00	0.33	0.22	0.06
2023	0.00	0.00	0.67	0.22	0.22	0.00	0.00	0.33	0.22	0.06
2024	0.00	0.00	0.67	0.22	0.22	0.00	0.00	0.34	0.22	0.06
2025	0.00	0.00	0.68	0.23	0.23	0.00	0.00	0.34	0.23	0.06
2026	0.00	0.00	0.68	0.23	0.23	0.00	0.00	0.34	0.23	0.06
Total	0.00	0.00	6.57	2.19	2.19	0.00	0.00	3.29	2.19	0.55

Crash Reduction Summary:

	Fatal	Injury A	Injury B	Injury C	PD	Total
Without the countermeasure	0.00	0.00	6.57	2.19	2.19	10.95
With the countermeasure	0.00	0.00	3.29	2.19	0.55	6.02
Number of Crashes Reduced	0.00	0.00	3.29	0.00	1.64	4.93

Crash Reduction Values ($'s) (Discounted to Equivalent Present Value)

Year	Fatal	Injury A	Injury B	Injury C	PD	Total
2017	0	0	60,870	0	1,522	62,391
2018	0	0	59,371	0	1,484	60,856
2019	0	0	57,905	0	1,448	59,352
2020	0	0	56,469	0	1,412	57,881
2021	0	0	55,065	0	1,377	56,442
2022	0	0	53,691	0	1,342	55,033
2023	0	0	52,347	0	1,309	53,656
2024	0	0	51,032	0	1,276	52,308
2025	0	0	49,747	0	1,244	50,991
2026	0	0	48,490	0	1,212	49,702
Total	0	0	544,988	0	13,625	558,612

Project Cost*: $558,317

Total Crash Reduction Value: $558,612

PEF: 1.00

* Includes the present value of annual maintenance/operating costs

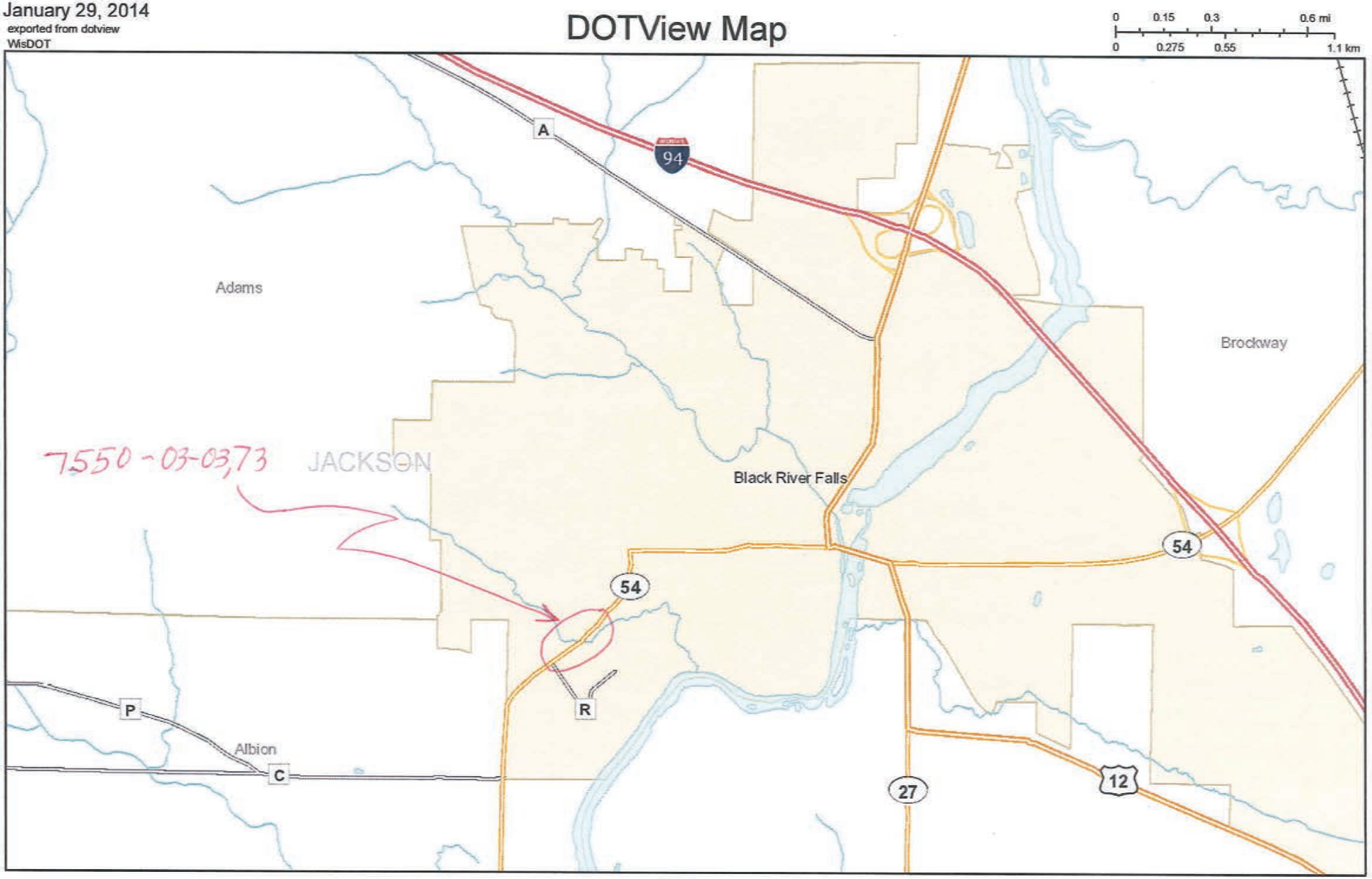
Value of Fatals: with 0 fatal(s) during the 5 year historical data period

Value of Injury A's: with 0 injury A(s) and 0 fatal(s) during the 5 year historical data period

Discount Crash Reduction Values? (y/n): y

January 29, 2014
exported from dotview
WisDOT

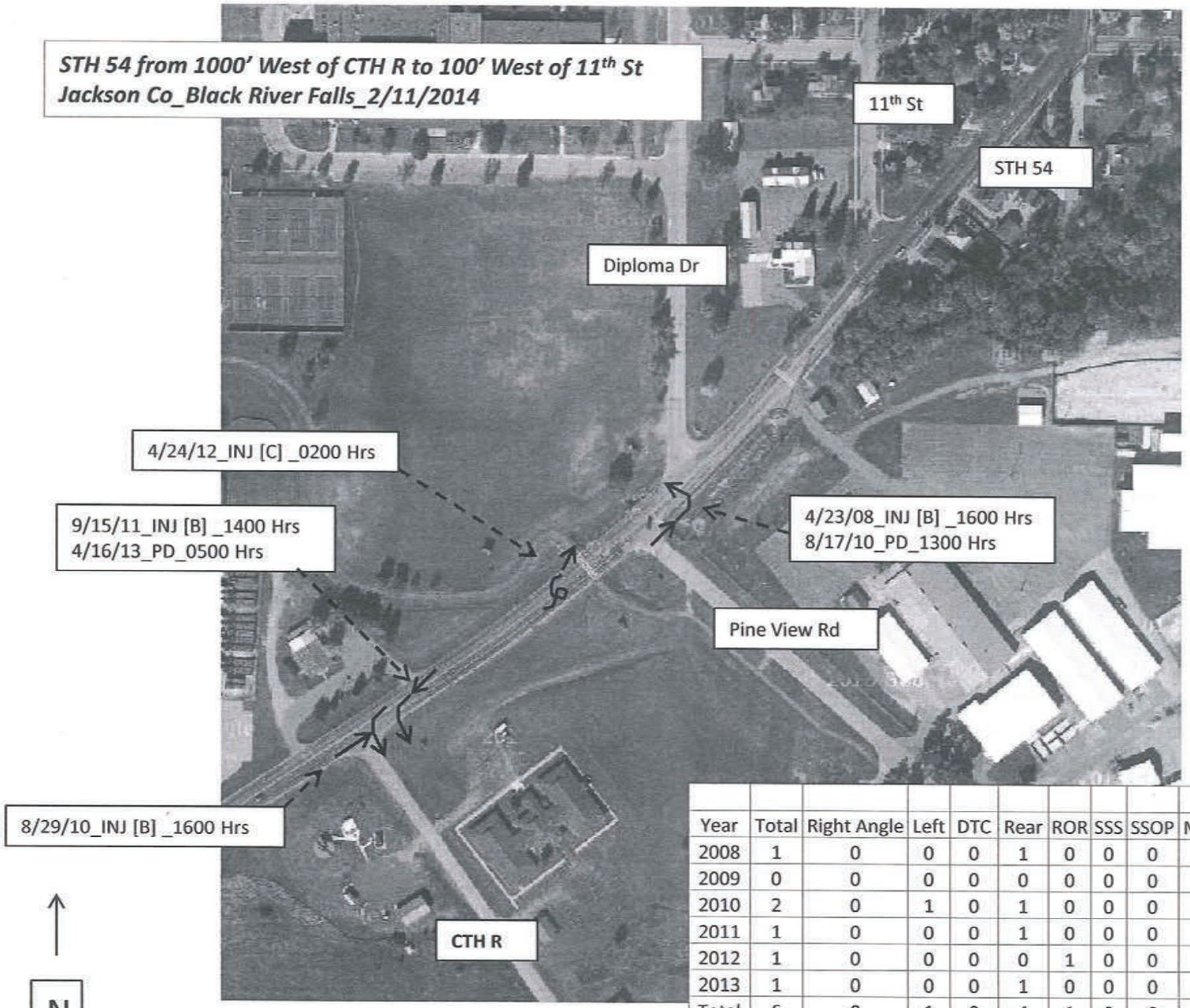
DOTView Map



January 29, 2014
exported from dotview
WisDOT

DOTView Map





Year	Total	Right Angle	Left	DTC	Rear	ROR	SSS	SSOP	Misc	Fatal	INJ A	INJ B	INJ C	PD
2008	1	0	0	0	1	0	0	0	0	0	0	1	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	2	0	1	0	1	0	0	0	0	0	0	1	0	1
2011	1	0	0	0	1	0	0	0	0	0	0	1	0	0
2012	1	0	0	0	0	1	0	0	0	0	0	0	1	0
2013	1	0	0	0	1	0	0	0	0	0	0	0	0	1
Total	6	0	1	0	4	1	0	0	0	0	0	3	1	2



route: 054E county: JACKSON date: 07/26/2010 plm: 039.452

Lat: 44.28920216 Long: -90.86513018 Elev: 733.28 ft.

\\doteauplog1p\photolog\Rg5\054E_R5_2010\\Front\Dir_044\F_04449.jpg

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route: 054E county: JACKSON date: 07/26/2010 pm: 039.562

Lat: 44.29009407 Long: -90.86329106 Elev: 731.75 ft.

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route: 054E county: JACKSON date: 07/26/2010 plm: 039.642

Lat: 44.29087207 Long: -90.86209673 Elev: 730.06 ft.

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route: 054W county: JACKSON date: 07/26/2010 plm: 028.103

Lat: 44.29158038 Long: -90.86131614 Elev: 732.91 ft.

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route: 054W county: JACKSON date: 07/26/2010 plm: 028.153

Lat: 44.29103071 Long: -90.86197445 Elev: 732.46 ft.

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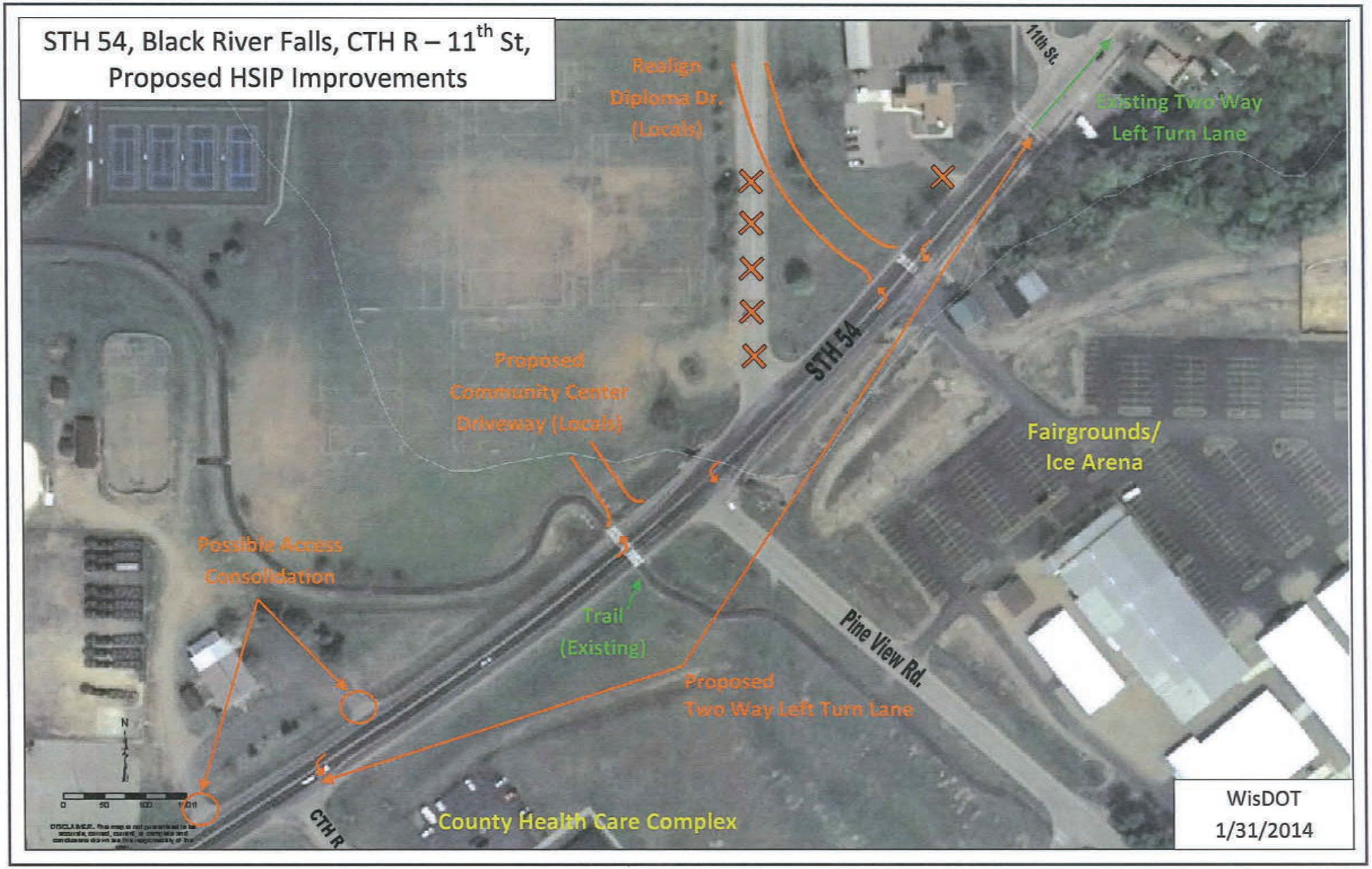


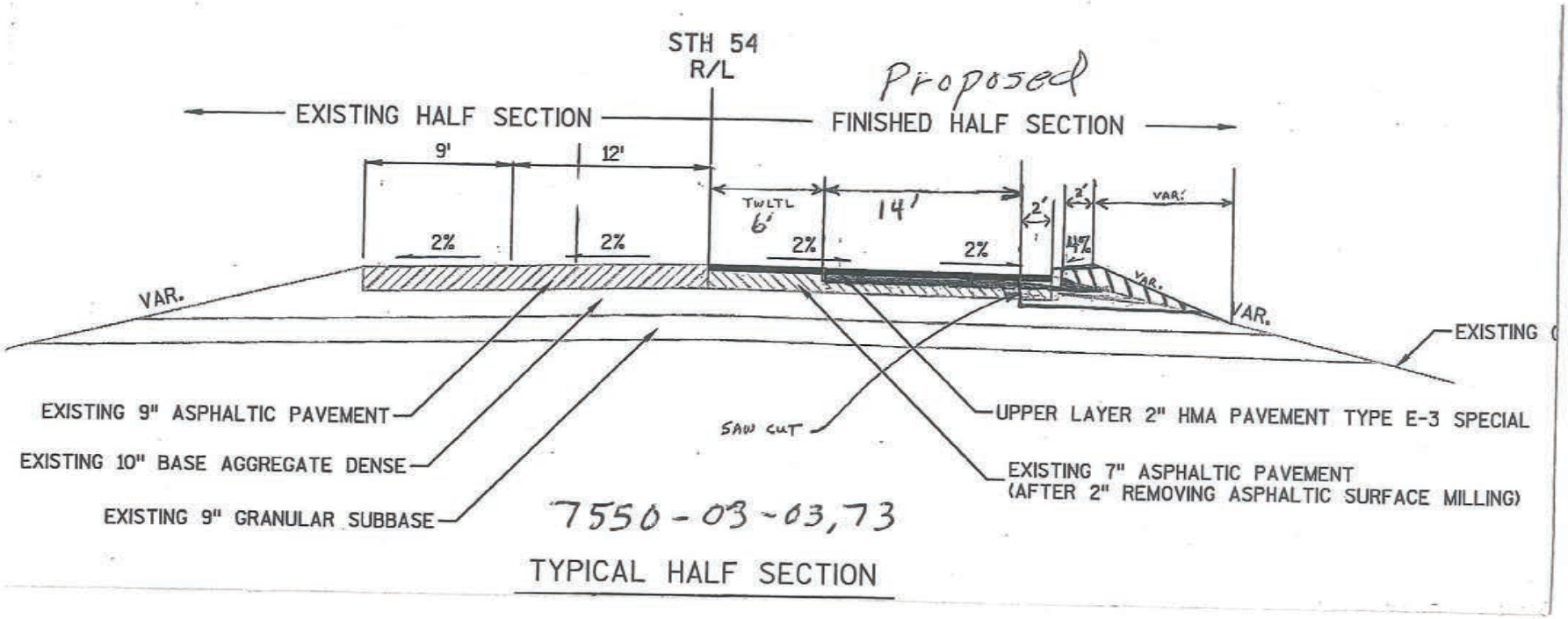
route: 054W county: JACKSON date: 07/26/2010 plm: 028.293

Lat: 44.2897181 Long: -90.86410415 Elev: 734.04 ft.

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STH 54, Black River Falls, CTH R – 11th St,
Proposed HSIP Improvements
Realign
Diploma Dr.
(Locals)
11th St.
Existing Two Way
Left Turn Lane
STH 54
Proposed
Community Center
Driveway (Locals)
Fairgrounds/
Ice Arena
Possible Access
Consolidation
Trail
(Existing)
Pine View Rd.
Proposed
Two Way Left Turn Lane
CTH R
County Health Care Complex
WisDOT
1/31/2014



7550-03-03,73

TYPICAL HALF SECTION

PROJECT ID: 7550-01-70
WITH: 7550-03-73

COUNTY: JACKSON

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7550-01-70		

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

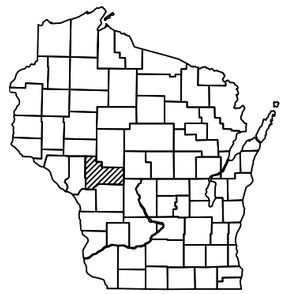
MELROSE - BLACK RIVER FALLS

STH 71 TO 11TH STREET

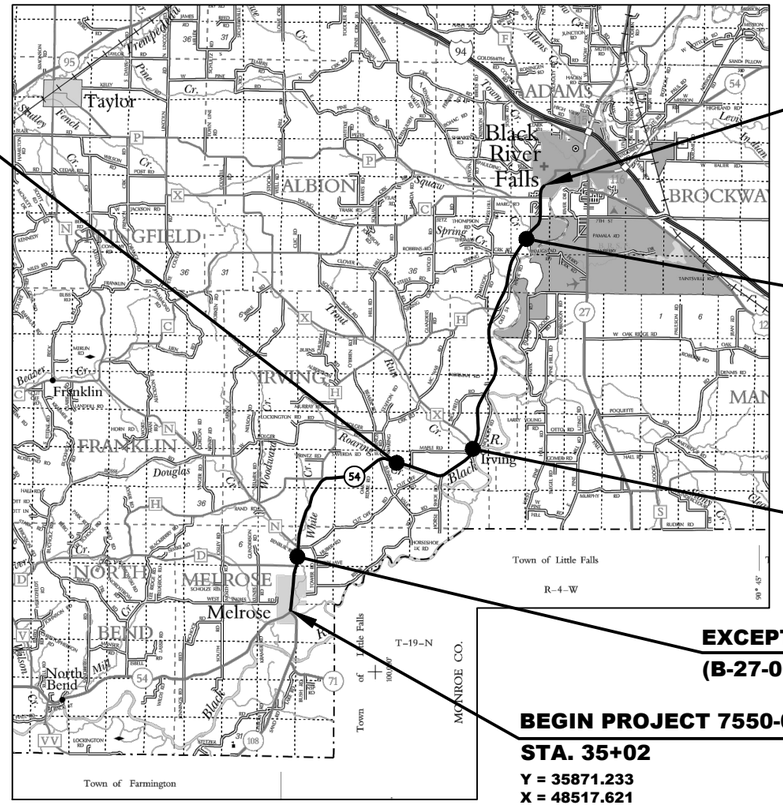
STH 54

JACKSON COUNTY

STATE PROJECT NUMBER
7550-01-70



N



EXCEPTION TO NET LENGTH OF CENTERLINE
(B-27-0076)
STA. 333+10 - 333+81

END PROJECT 7550-01-70
STA. 851+50

B-27-0061 (ASPHALTIC OVERLAY)
STA. 767+58 - 768+63

EXCEPTION TO NET LENGTH OF CENTERLINE
(B-27-0067) STA. 459+20 - 460+56

EXCEPTION TO NET LENGTH OF CENTERLINE
(B-27-0016) STA. 109+23 - 110+67

BEGIN PROJECT 7550-01-70
STA. 35+02
Y = 35871.233
X = 48517.621

LAYOUT SCALE 0 2 MILE

DESIGN DESIGNATION		MELROSE TO STA. 662+00	STA. 662+00 TO BLACK RIVER FALLS
A.A.D.T. (2016)	=	2800	6900
A.A.D.T. (2036)	=	3200	7900
D.H.V. (2036)	=	343	806
D.D.	=	60/40	60/40
T.	=	7.6%	3.0%
DESIGN SPEED	=	55 MPH	55 MPH
ESALS	=	533,000	533,000

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY		GRADE ELEVATION	95.36
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)	
SLOPE INTERCEPT		UTILITIES	
REFERENCE LINE		ELECTRIC	E
EXISTING CULVERT		FIBER OPTIC	FO
PROPOSED CULVERT (Box or Pipe)		GAS	G
COMBUSTIBLE FLUIDS	CAUTION	SANITARY SEWER	SAN
		STORM SEWER	SS
MARSH AREA		TELEPHONE	T
		WATER	W
		UTILITY PEDESTAL	
WOODED OR SHRUB AREA		POWER POLE	
		TELEPHONE POLE	

TOTAL NET LENGTH OF CENTERLINE (PROJECT 7550-01-70) = 15.397 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM, ZONE 9627, NAD83 (2007), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	NW REGION
Designer	ADAM HETRICK
Project Manager	DAVID KOEPP
Regional Examiner	TOU YANG
Regional Supervisor	TIM MASON

APPROVED FOR THE DEPARTMENT

DATE: _____ _____ (Signature)

E

UTILITIES & OTHER CONTACTS

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BLACK RIVER FALLS, WI 54615
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715-797-4854 (MOBILE)
DONNA.SMOTHERS@CENTURYLINK.COM

JAMEY OLDEEN
CHARTER COMMUNICATIONS
2304 S MAIN ST
RICE LAKE, WI 54868
715-236-5005

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1003 S BLACK RIVER ST
SPARTA, WI 54656
608-789-3622 (OFFICE)
KAYE.M.CROOK@XCELENERGY.COM
COPY ALL CORRESPONDENCE TO:
DAWN SCHULTZ
1414 W HAMILTON AVE
PO BOX 8
EAU CLAIRE, WI 54702-0008
715-737-2482 (OFFICE)
DAWN.SCHULTZ@XCELENERGY.COM

ELECTRICITY - TRANSMISSION

XCEL ENERGY
CHARLES DIENGER - LINE CONSTRUCTION
DEPARTMENT SUPERVISOR
3505 MELBY ROAD
EAU CLAIRE, WI 54702
715-737-1576 (OFFICE)
651-955-1089 (MOBILE)
CHARLES.G.DIENGER@XCELENERGY.COM
COPY ALL CORRESPONDENCE TO:
DAWN SCHULTZ
1414 W HAMILTON AVE
PO BOX 8
EAU CLAIRE, WI 54702-0008
715-737-2482 OFFICE
DAWN.SCHULTZ@XCELENERGY.COM

GAS/PETROLEUM

RYAN MIENTKE
WE ENERGIES
1921 8TH ST S
WISCONSIN RAPIDS, WI 54494
715-421-7249 (OFFICE)
715-421-9293 (MOBILE)
RYAN.MIENTKE@WE-ENERGIES.COM

WATER

JERRY EWERT
BLACK RIVER FALLS UTILITIES
119 N. WATER ST.
BLACK RIVER FALLS, WI 54615
715-284-9463
JEWERT@WPPISYS.ORG

RAMON KNUDTSON
MELROSE MUNICIPAL UTILITIES
P.O. BOX 117
112 N WASHINGTON ST
MELROSE, WI 54642-0117
608-488-3191 (OFFICE)
608-792-2598 (MOBILE)
UTILITIES@MELROSEWI.COM

DNR REGIONAL TRANSPORTATION LIASON
KAREN KALVELAGE
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
3550 MORMON COULEE ROAD
LA CROSSE, WI 54601
608-785-9115

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

GENERAL NOTES

THE LOCATIONS OF EXISTING & PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

CROSS DRAIN PIPE ELEVATIONS, LENGTHS AND LOCATIONS AS SHOWN ON THE PLANS, MAY BE ADJUSTED TO FIT EXISTING FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL CONCRETE PIPE SHALL HAVE THE APRON ENDWALL AND THE FIRST TWO PIPE JOINTS TIED AT THE JOINTS, (THREE JOINTS TOTAL)

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, TO BE SEEDED, FERTILIZED AND MULCHED AS DIRECTED BY THE ENGINEER. ALL OTHER DISTURBED AREAS ARE TO BE SEEDED, FERTILIZED AND MULCHED AT THE CONTRACTORS EXPENSE.

NO TREES, SHRUBS, OR PRIVATE PLANTINGS ARE TO BE REMOVED WITHOUT PRIOR APPROVAL OF THE ENGINEER.

WETLAND AREAS SHOWN ON THE PLANS WERE FIELD DELINEATED ONLY IN THE LOCATIONS OF PROPOSED GRADING. OTHER WETLAND AREAS MAY EXIST WITHIN THE PROJECT LIMITS. ANY CHANGES TO THE GRADING LIMITS SHOWN ON THE PLANS WILL REQUIRE APPROVAL OF THE ENGINEER AND VERIFICATION OF ANY WETLAND IMPACTS.

PLAN ELEVATIONS = NAVD 88

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE APPROXIMATE LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTORS EROSION CONTROL IMPLEMENTATION PLAN AND APPROVED BY THE ENGINEER IN CONSULTATION WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT INCLUDED IN THE EARTHWORK SUMMARY. IT IS MEASURED AND PAID FOR AS COMMON EXCAVATION. EXACT LOCATIONS OF EBS WILL BE APPROVED BY THE ENGINEER.

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONTACT THE COUNTY SURVEYOR CONCERNING MONUMENT AND PROPERTY CORNER PRESERVATION.

ASPHALIC PAVEMENT FOR SHOULDERS UP TO 4 INCHES IN DEPTH MAY BE PLACED IN ONE LIFT.

WHEN THE QUANTITY OF THE ITEM OF BASE AGGREGATE DENSE OR HMA / ASPHALTIC PAVEMENT IS MEASURED BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

SHRINKAGE OF EARTHWORK IS 20 PERCENT IN THE YARDAGE SUMMARY, UNLESS OTHERWISE NOTED.

RIGHTS-OF-ENTRY FOR CONSTRUCTION HAVE BEEN OBTAINED. WHICH RIGHTS SHALL BE EXTENDED TO THE CONTRACTOR.

EXACT LOCATION AND WIDTH OF ANY DRIVEWAY ENTRANCES TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

MISCELLANEOUS REMOVAL ITEMS REQUIRING RESTORATION OF CONCRETE OR ASPHALTIC CONCRETE DRIVEWAYS, SIDEWALKS, OR SIDE STREETS SHALL BE REMOVED TO AN EXISTING JOINT OR SAWED AS DETERMINED BY THE ENGINEER OR AS SHOWN ON THE PLANS.

TYPICAL FINISHED SECTIONS SHOW THE GENERAL ROADWAY FEATURES THROUGHOUT THE PROJECT. PAVEMENT, SLOPES, BORDER SLOPES, ETC., MAY VARY WITHIN THE STATION LIMITS OF THE STATION SECTION.

OVERHAUL WILL NOT BE PAID ON THIS PROJECT.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE THE ENGINEER, THE JACKSON COUNTY HIGHWAY DEPARTMENT, THE TOWN OF MELROSE, THE VILLAGE OF MELROSE, THE TOWN OF IRVING, THE TOWN OF ALBION, AND THE CITY OF BLACK RIVER FALLS WITH THE NAME AND TELEPHONE NUMBER OF A LOCAL PERSON RESPONSIBLE FOR EMERGENCY MAINTENANCE OF TRAFFIC CONTROL DEVICES.

CONSTRUCTION SURVEY CONTROL POINTS TO BE PROVIDED BY THE ENGINEER PRIOR TO CONSTRUCTION.

ABBREVIATIONS

ACCESS POINT	A.P.	LENGTH OF CURVE	L.	SECTION	SEC.
ACRES	AC.	LIMITED HIGHWAY EASEMENT	L.H.E.	SHED	S
AHEAD	AH.	MILE	MI.	SOUTHEAST	SE
AND OTHERS	ET AL	NORTHEAST	NE	SOUTHWEST	SW
BACK	BK.	NORTHWEST	NW	STATION	STA.
BARN	B	PERMANENT	PERM.	STREET	ST.
BUILDINGS	BLDGS.	POINT OF CURVATURE	P.C.	TANGENT	TAN.
CENTRAL ANGLE	Δ	POINT OF INTERSECTION	P.I.	TAVERN	TAV.
CHANNEL CHANGE	CH. CH.	POINT OF TANGENCY	P.T.	TEMPORARY	TEMP.
COMPANY	COM.	POINT OF COMPOUND CURVE	P.C.C.	UNITED STATES COAST & GEODETIC SURVEY	U.S.C. & G.S.
CORNER	COR.	POINT OF REVERSE CURVE	P.R.C.		
CORPORATION	CORP.	POINT ON CURVE	P.O.C.		
COUNTY	CO.	PROJECT	PROJ.	UNITED STATES GEOLOGICAL SURVEY	U.S.G.S.
COUNTY TRUNK HIGHWAY	C.T.H.	PROPERTY LINE	P.L.		
CREEK	CR.	QUIT CLAIM DEED	Q.C.D.		
DEGREE OF CURVE	D	RADIUS	R	UNITED STATES HIGHWAY	U.S.H.
GARAGE	G	RAILROAD	RR	WELL	W
GOVERNMENT	GOV'T.	RAILWAY	RY		
HOUSE	H	REQUIRED	REQ'D.		
HOUSE TRAILER	H.T.	RIGHT	RT.		
INCORPORATED	INC.	RIGHT OF WAY	R/W		
IRON PIN	I.P.	ROAD	RD.		
LEFT	LT.				

END PROJECT 7550-01-70
STA. 851+50

B-27-0061 (ASPHALTIC OVERLAY)
STA. 767+58 - 768+63

EXCEPTION TO NET LENGTH OF CENTERLINE
B-27-0076 STA. 333+10 - 333+81

EXCEPTION TO NET LENGTH OF CENTERLINE
B-27-0067 STA. 458+44 - 461+32

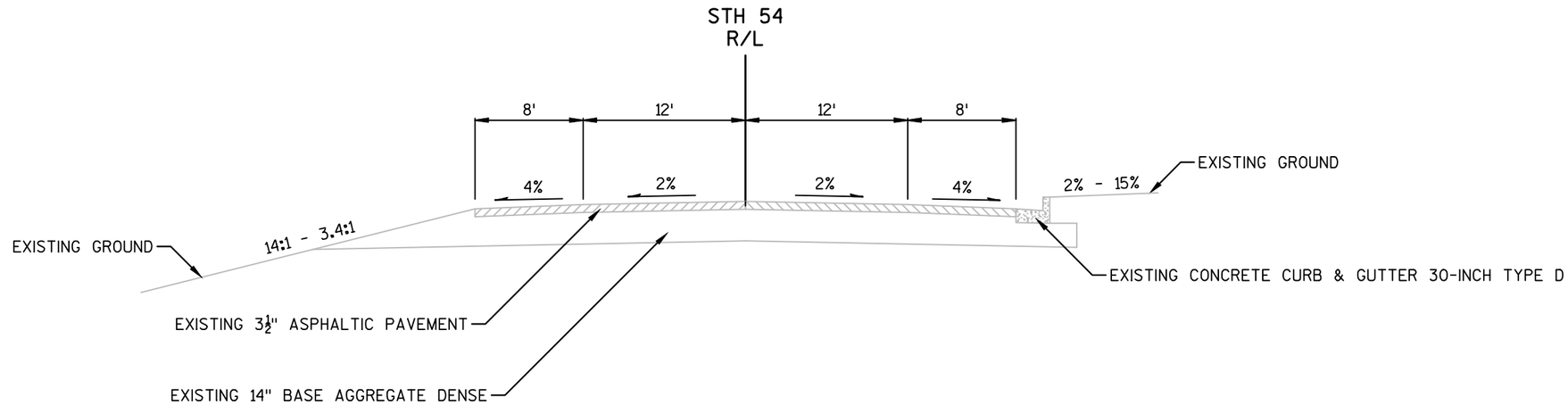
EXCEPTION TO NET LENGTH OF CENTERLINE
B-27-0016 STA. 109+23 - 110+67

BEGIN PROJECT 7550-01-70
STA. 35+02

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PROJECT OVERVIEW	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500130\SHEETSPLAN\020201_PO.DWG PLOT DATE : 8/25/2016 6:16 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1" = 0.5025'

2

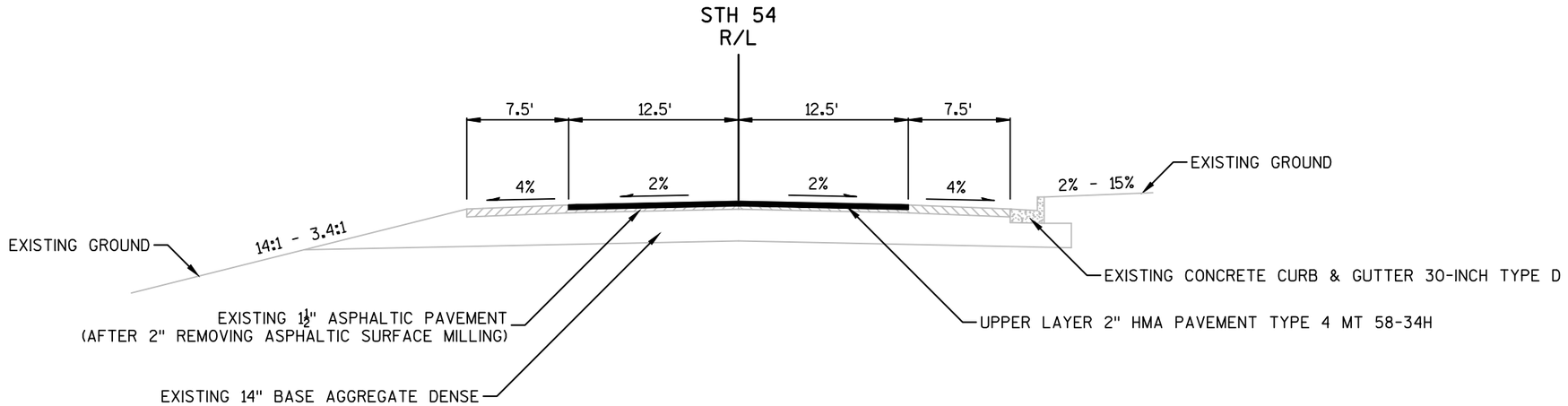


TYPICAL EXISTING SECTION

STA. 35+02 - STA. 43+45

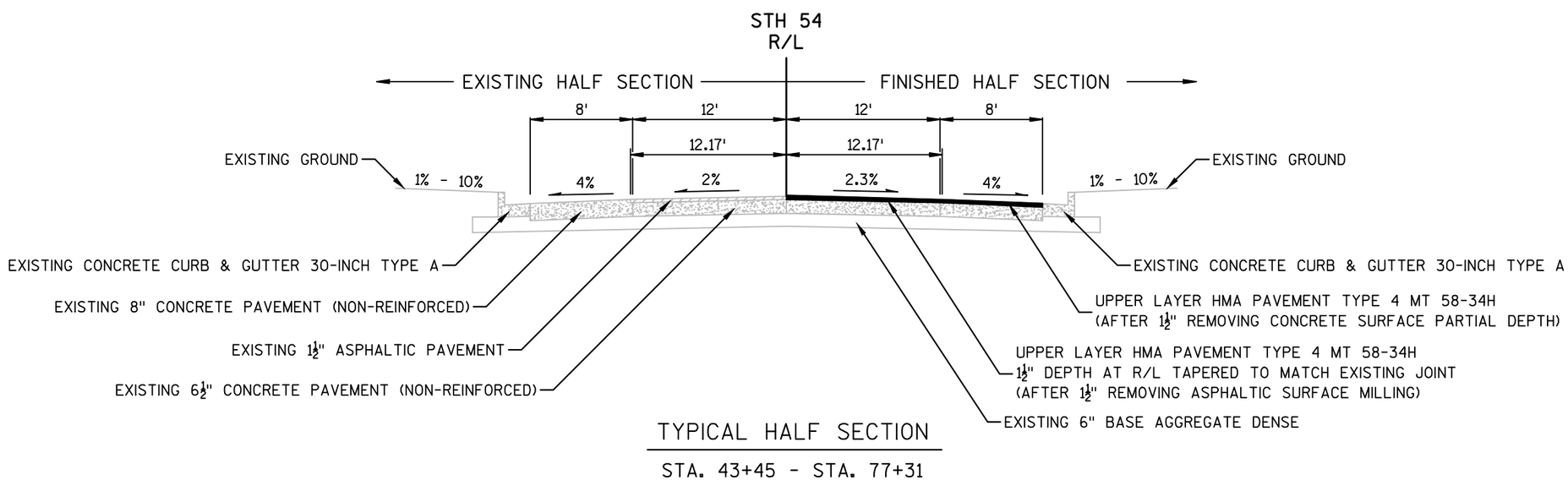
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E

2



TYPICAL FINISHED SECTION

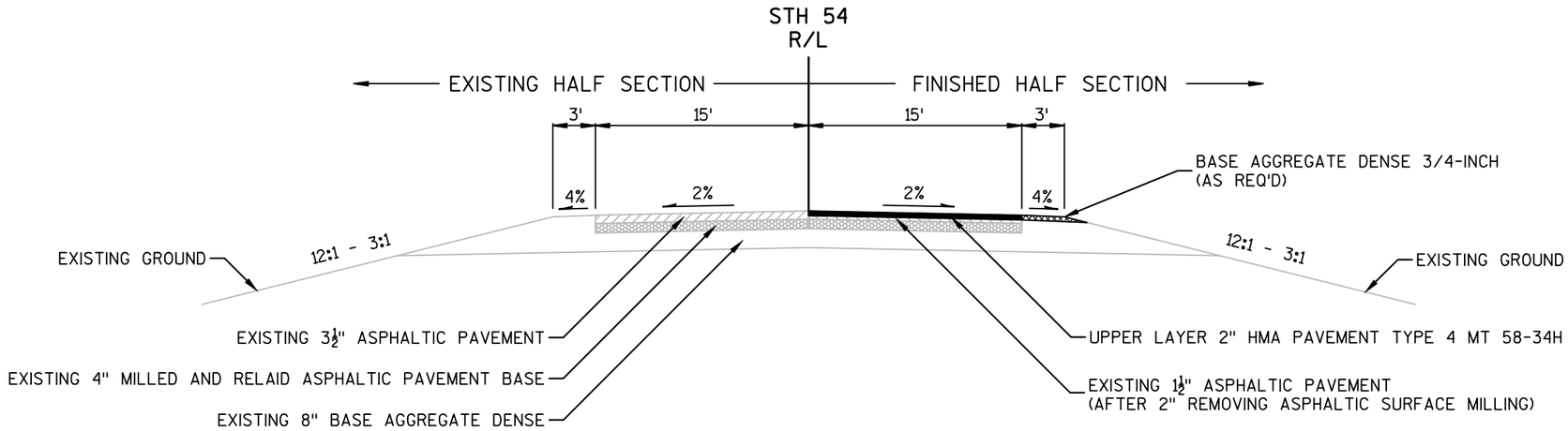
STA. 35+02 - STA. 43+45



TYPICAL HALF SECTION

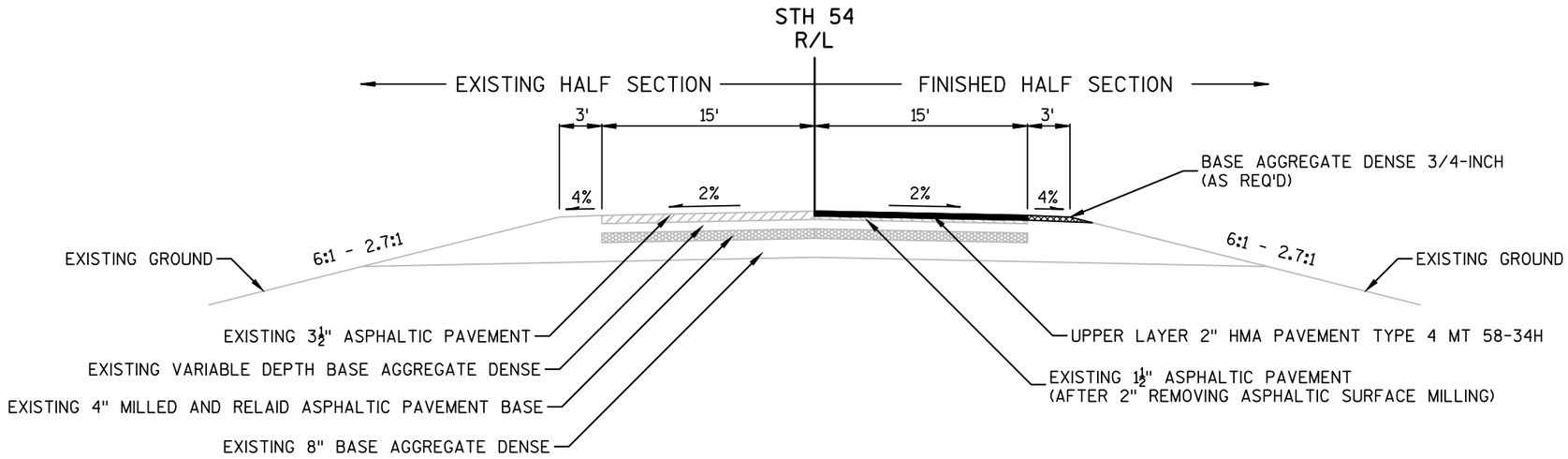
STA. 43+45 - STA. 77+31

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E



TYPICAL HALF SECTION

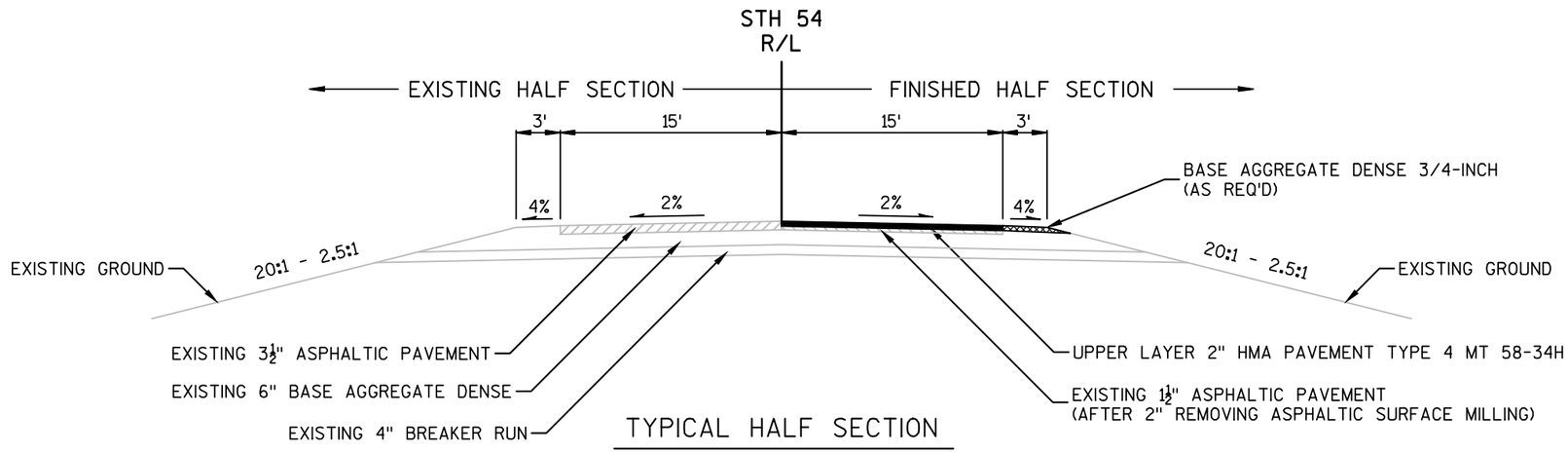
STA. 77+31 - STA. 107+23



TYPICAL HALF SECTION

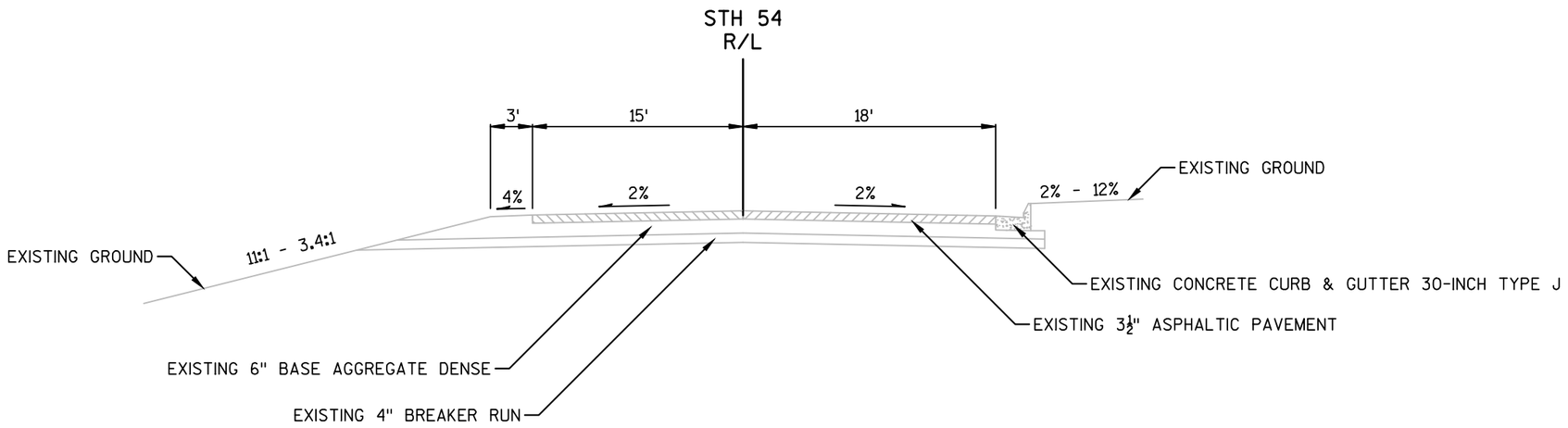
STA. 107+23 - STA. 110+67
STA. 110+67 - STA 113+44

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E



TYPICAL HALF SECTION

STA. 113+44 - STA. 118+22
STA. 122+90 - STA. 331+16
STA. 352+23 - STA. 359+16
STA. 364+16 - STA. 372+21
STA. 375+22 - STA. 391+16
STA. 395+32 - STA. 423+15

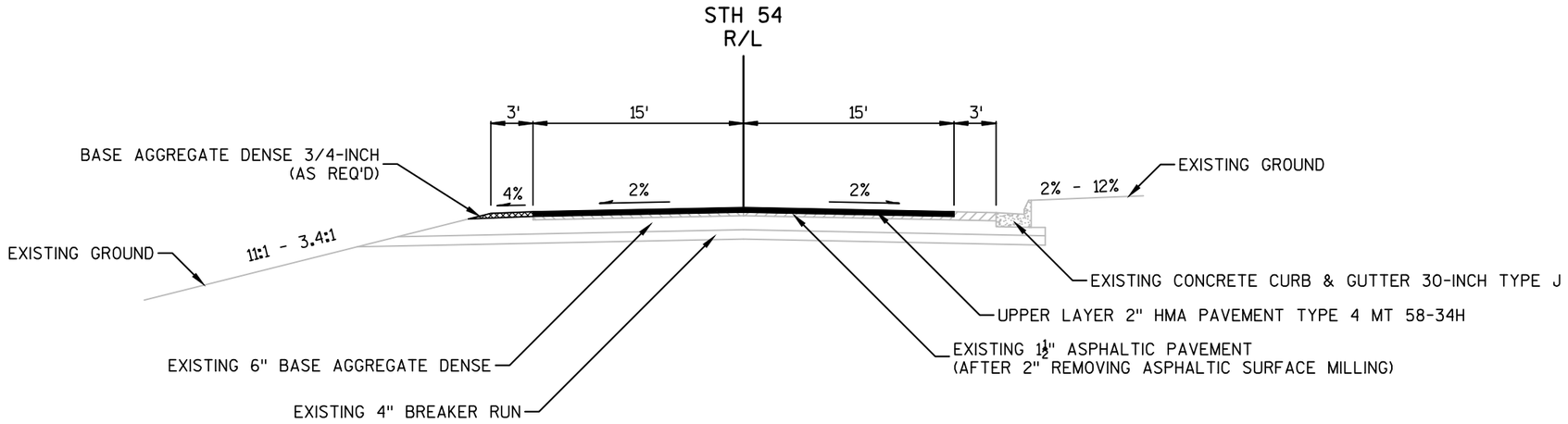


TYPICAL EXISTING SECTION

STA. 118+22 - STA. 122+90

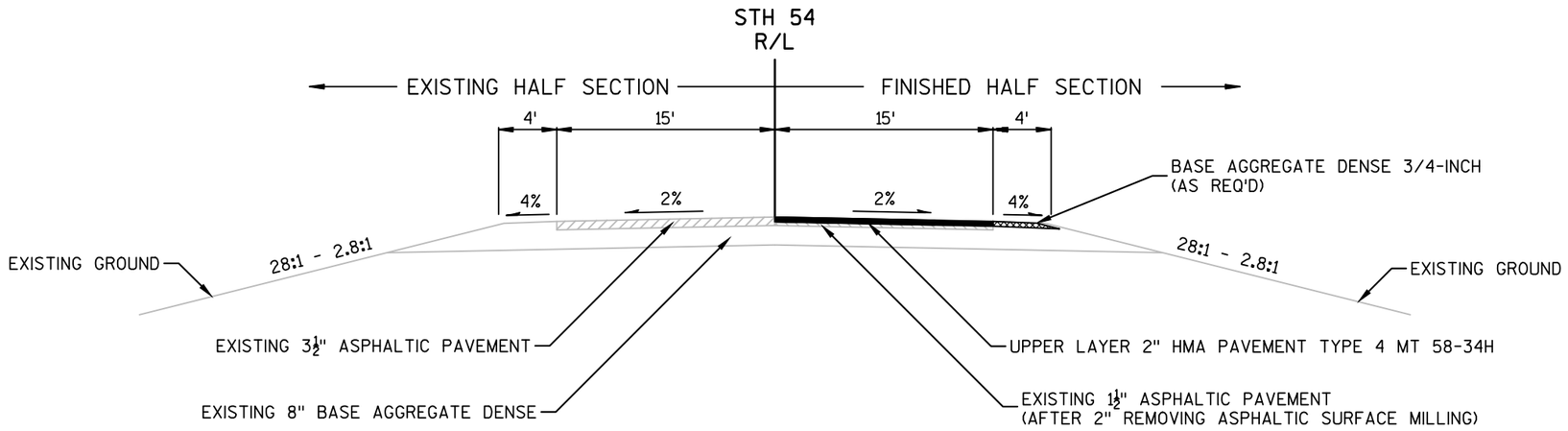
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E

2



TYPICAL FINISHED SECTION

STA. 118+22 - STA. 122+90

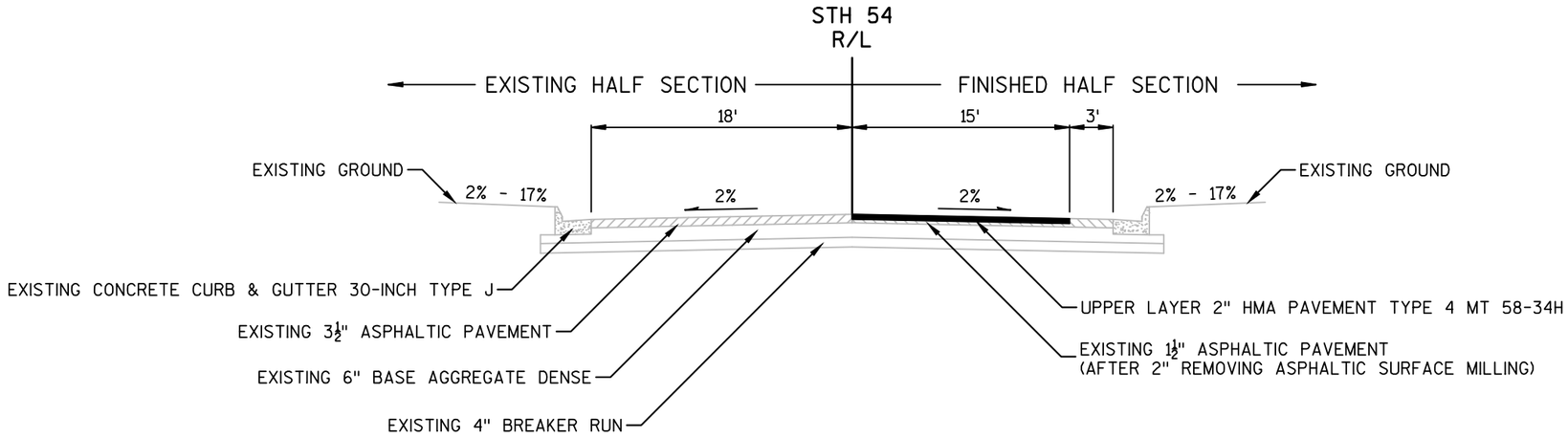


TYPICAL HALF SECTION

STA. 331+16 - STA. 333+10
STA. 333+81 - STA. 352+23

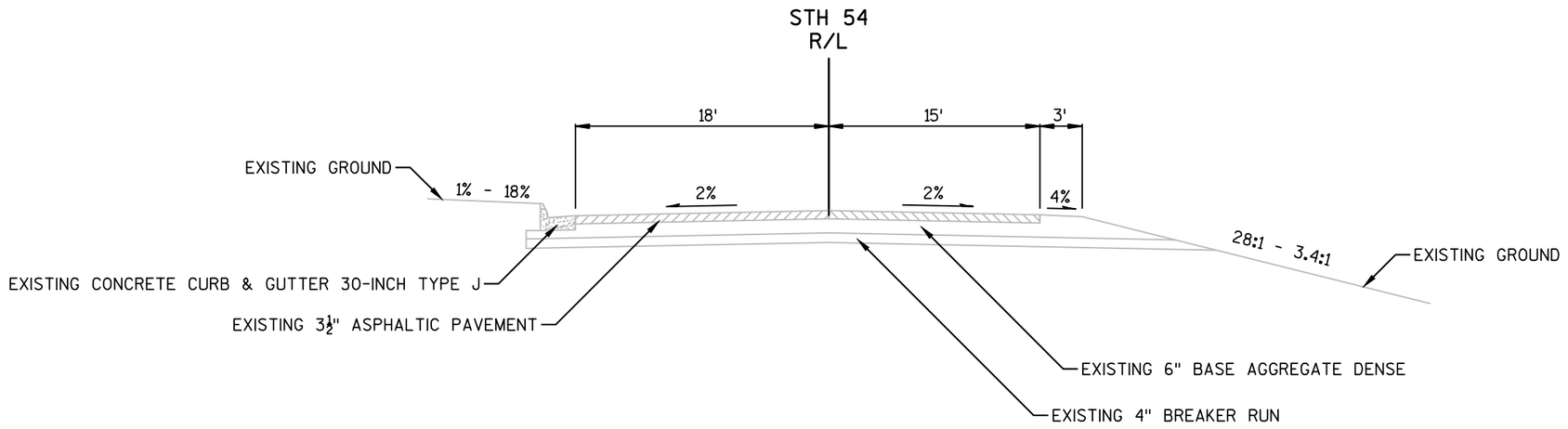
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E

2



TYPICAL HALF SECTION

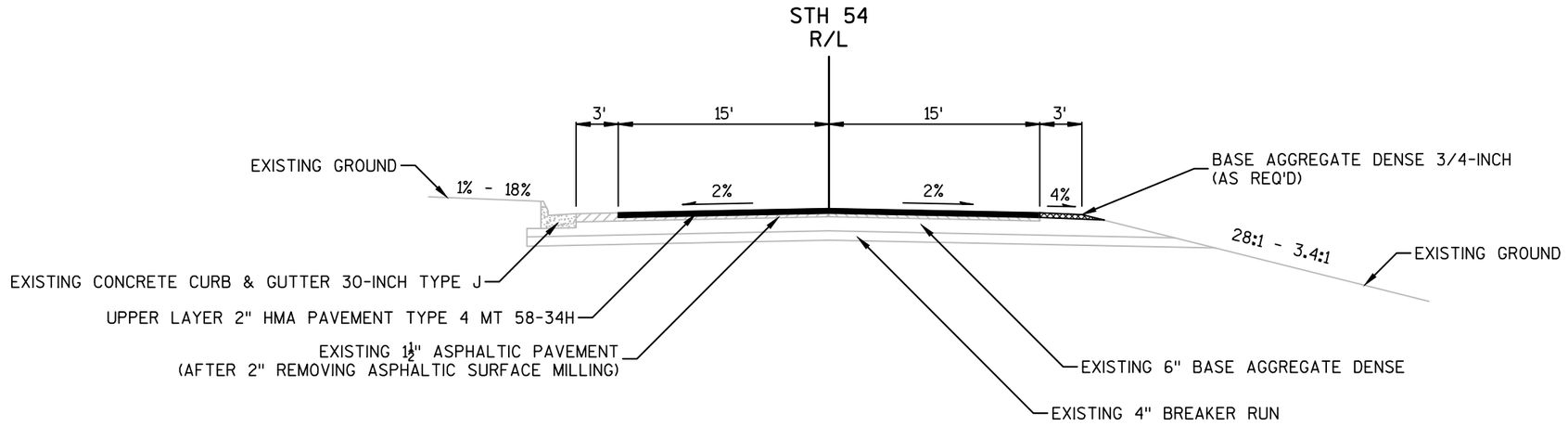
STA. 359+16 - STA. 364+16



TYPICAL EXISTING SECTION

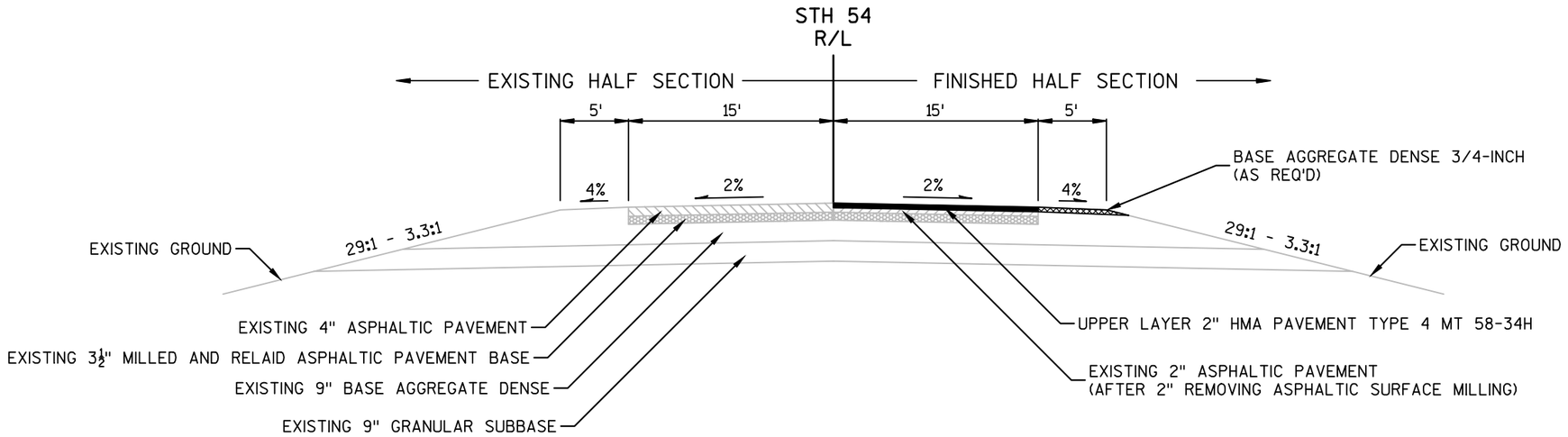
STA. 372+21 - STA. 375+22
STA. 391+16 - STA. 395+32

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E



TYPICAL FINISHED SECTION

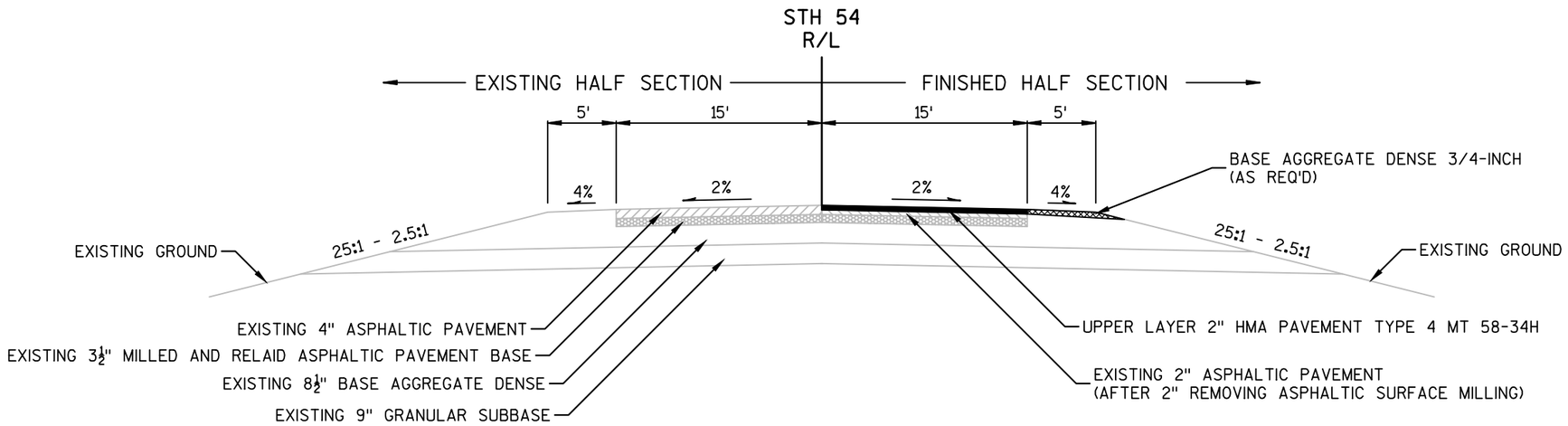
STA. 372+21 - STA. 375+22
STA. 391+16 - STA. 395+32



TYPICAL HALF SECTION

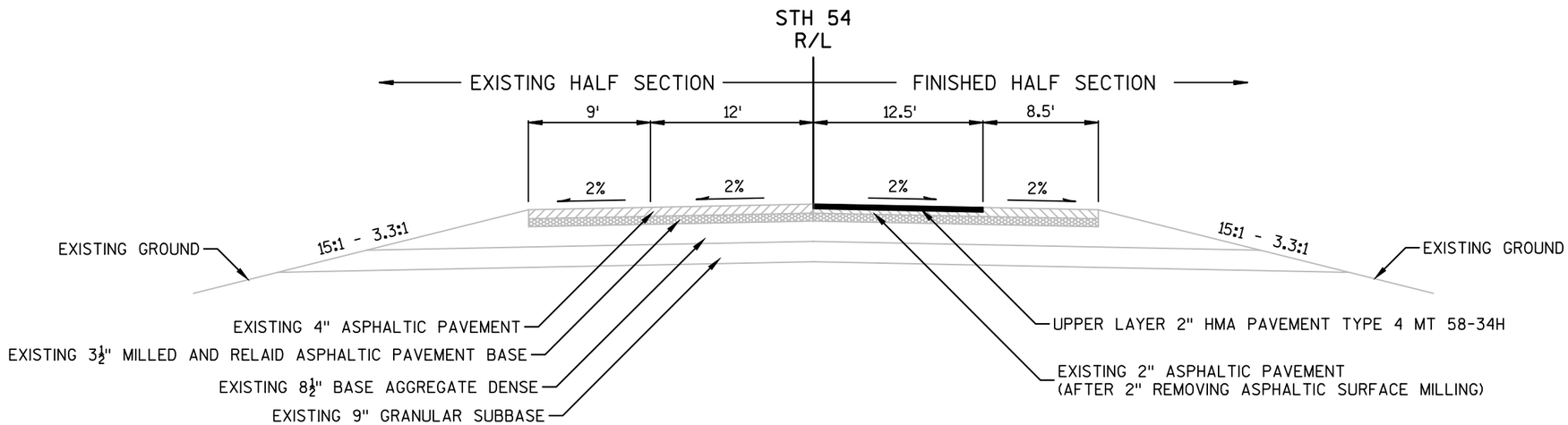
STA. 423+15 - STA. 459+20
STA. 460+56 - STA. 609+80

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E



TYPICAL HALF SECTION

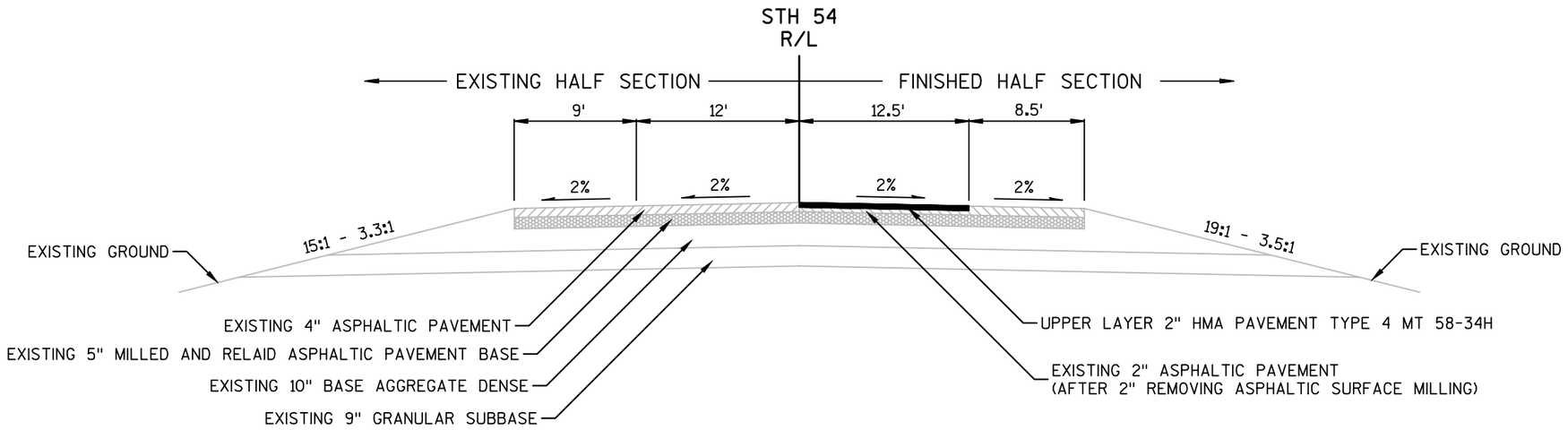
STA. 609+80 - STA. 785+83



TYPICAL HALF SECTION

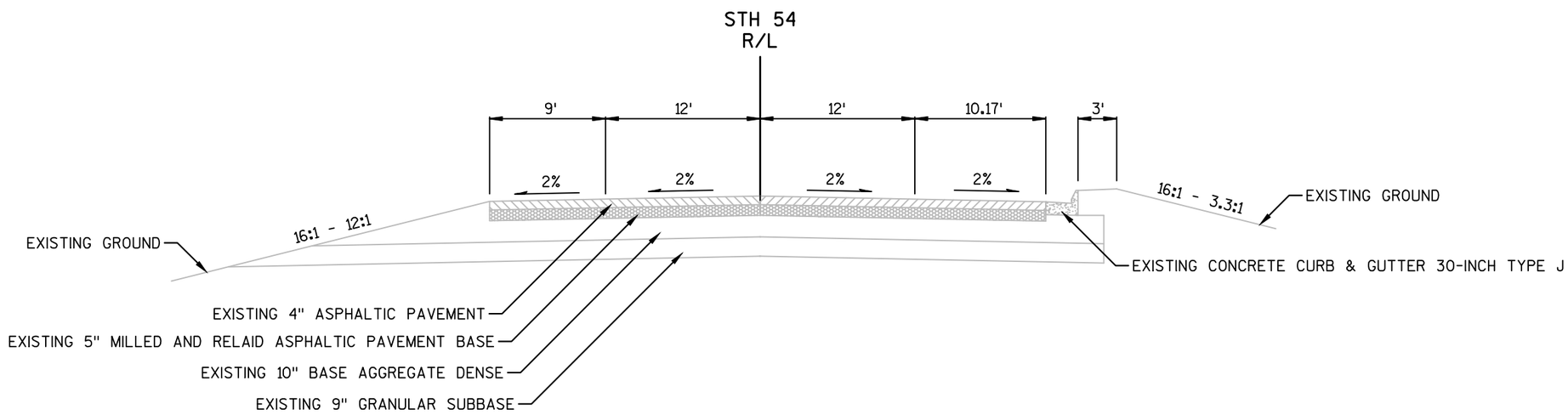
STA. 785+83 - STA. 830+33

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E



TYPICAL HALF SECTION

STA. 830+33 - STA. 831+93
STA. 838+21 - STA. 851+50

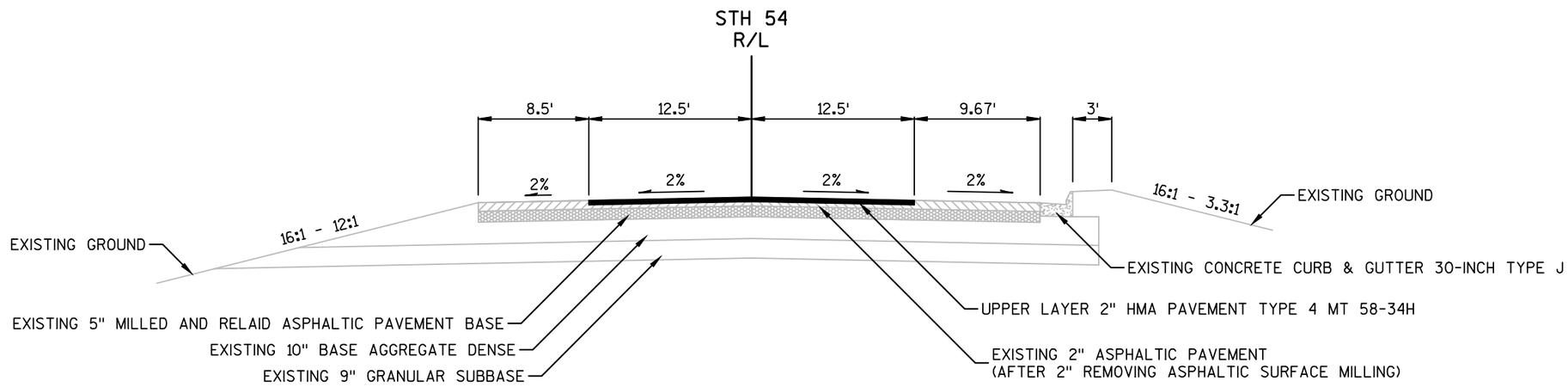


TYPICAL EXISTING SECTION

STA. 831+93 - STA. 834+41

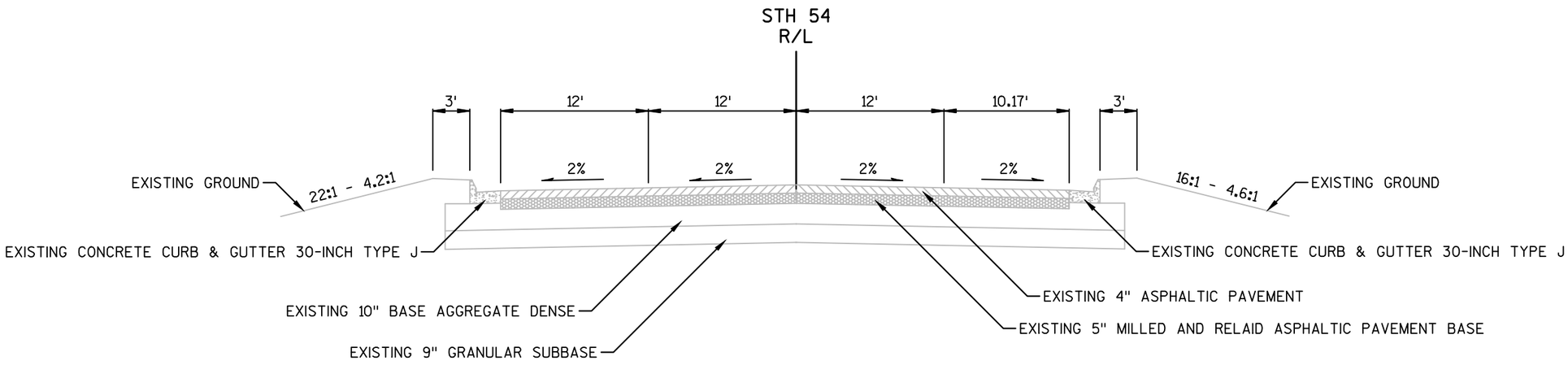
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E

2



TYPICAL FINISHED SECTION

STA. 831+93 - STA. 834+41

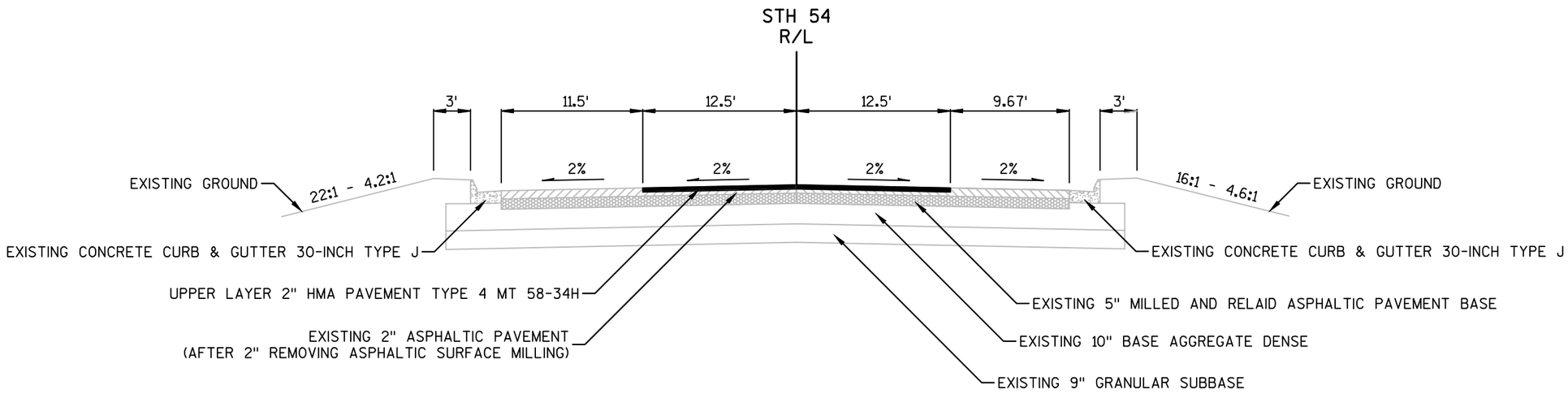


TYPICAL EXISTING SECTION

STA. 834+41 - STA. 835+99

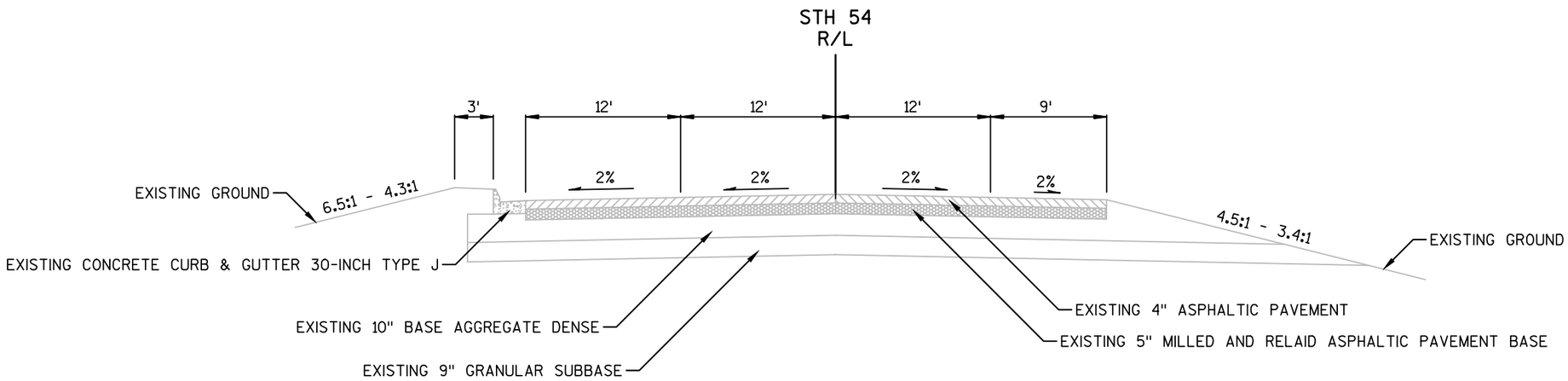
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500130\SHEETSPLAN\020340_TS.DWG PLOT DATE : 8/25/2016 6:17 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:10 FT



TYPICAL FINISHED SECTION

STA. 834+41 - STA. 835+99

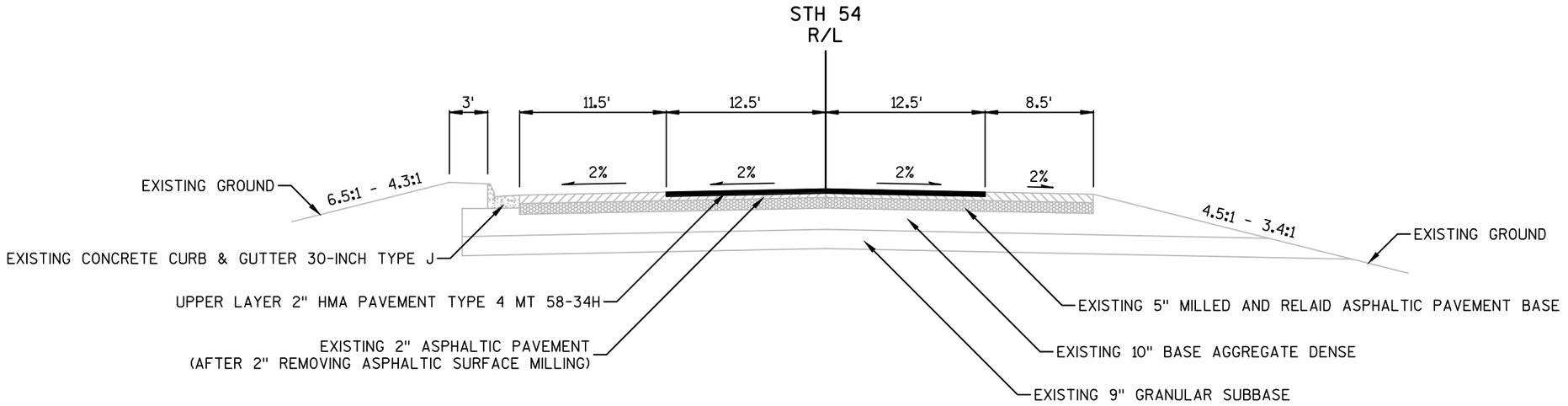


TYPICAL EXISTING SECTION

STA. 835+99 - STA. 838+21

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E

2



TYPICAL FINISHED SECTION

STA. 835+99 - STA. 838+21

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

PI STA = 23+68.75
Y = 34980.818
X = 49199.659
DELTA = 28°52'17"
D = 3°59'59"
T = 368.75'
L = 721.84'
R = 1432.50'
PC STA = 20+00.00
PT STA = 27+21.84

PT: 27+21.84
PC: 28+65.56
N47° 56' 53.02"W
143.727
STH 71
LOVELL ST.
STH 54
CENTURYLINK
VILLAGE OF MELROSE
MUNICIPAL UTILITIES
PI STA = 33+70.41
Y = 35662.229
X = 48444.254
DELTA = 55°43'31"
D = 5°59'58"
T = 504.85'
L = 928.82'
R = 955.00'
PC STA = 28+65.56
PT STA = 37+94.38
EXISTING P.L.E.
CLEARING
STA. 34+75-35+75, LT. & RT.
(CLEAR AROUND ENDS
OF CULVERT)
EXISTING R/W
PT: 37+94.38
BEGIN PROJECT 7550-01-70
STA. 35+02 STH 54
STA. 35+15
C-27-29
2-8'X5'X157' CONCRETE BOX CULVERT
EXISTING TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS CULVERT END REQ'D LT. & RT.
EXISTING P.L.E.
EXISTING R/W
FOOTBRIDGE
SEPTIC
GN

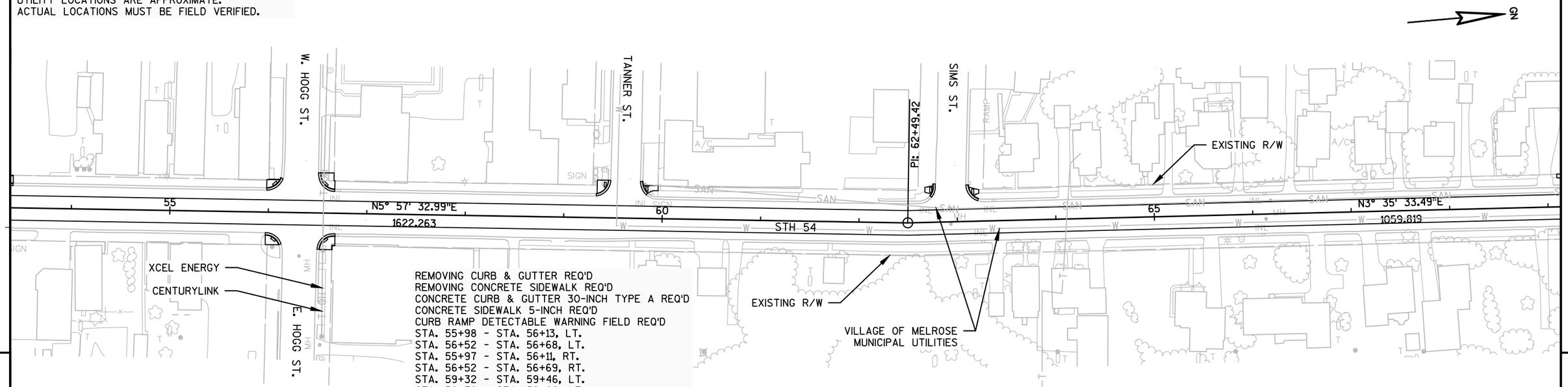
5

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

CENTURYLINK
EXISTING R/W
N7° 46' 37.54"E
832.770
PI: 46+27.15
POLLEYS ST.
STH 54
DOUGLAS ST.
COURT ST.
W. BRISTOL ST.
E. BRISTOL ST.
VILLAGE OF MELROSE
MUNICIPAL UTILITIES
MILL ST.
EXISTING R/W
VILLAGE OF MELROSE
MUNICIPAL UTILITIES
REMOVING CURB & GUTTER REQ'D
REMOVING CONCRETE SIDEWALK REQ'D
CONCRETE CURB & GUTTER 30-INCH TYPE A REQ'D
CONCRETE SIDEWALK 5-INCH REQ'D
CURB RAMP DETECTABLE WARNING FIELD REQ'D
STA. 46+09 - STA. 46+22, LT.
STA. 46+58 - STA. 46+73, LT.
STA. 49+42 - STA. 49+57, LT.
STA. 49+91 - STA. 50+23, LT.
STA. 50+13 - STA. 50+31, RT.
STA. 52+58 - STA. 52+85, LT.
STA. 52+64 - STA. 52+83, RT.
STA. 53+21 - STA. 53+41, LT.
STA. 53+22 - STA. 53+38, RT.
GN

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

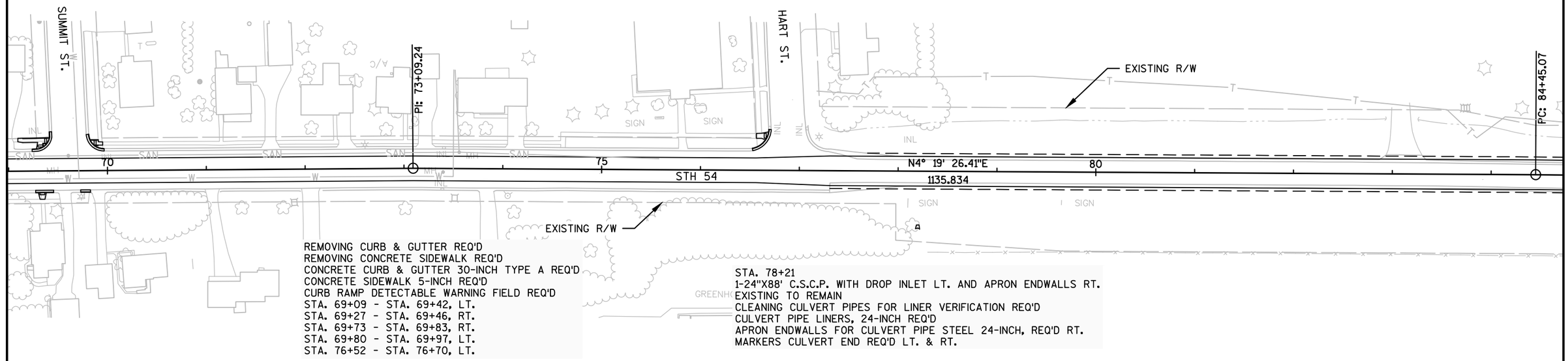


REMOVING CURB & GUTTER REQ'D
REMOVING CONCRETE SIDEWALK REQ'D
CONCRETE CURB & GUTTER 30-INCH TYPE A REQ'D
CONCRETE SIDEWALK 5-INCH REQ'D
CURB RAMP DETECTABLE WARNING FIELD REQ'D
STA. 55+98 - STA. 56+13, LT.
STA. 56+52 - STA. 56+68, LT.
STA. 55+97 - STA. 56+11, RT.
STA. 56+52 - STA. 56+69, RT.
STA. 59+32 - STA. 59+46, LT.
STA. 59+79 - STA. 59+96, LT.
STA. 62+72 - STA. 62+77, LT.
STA. 63+11 - STA. 63+23, LT.

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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



REMOVING CURB & GUTTER REQ'D
REMOVING CONCRETE SIDEWALK REQ'D
CONCRETE CURB & GUTTER 30-INCH TYPE A REQ'D
CONCRETE SIDEWALK 5-INCH REQ'D
CURB RAMP DETECTABLE WARNING FIELD REQ'D
STA. 69+09 - STA. 69+42, LT.
STA. 69+27 - STA. 69+46, RT.
STA. 69+73 - STA. 69+83, RT.
STA. 69+80 - STA. 69+97, LT.
STA. 76+52 - STA. 76+70, LT.

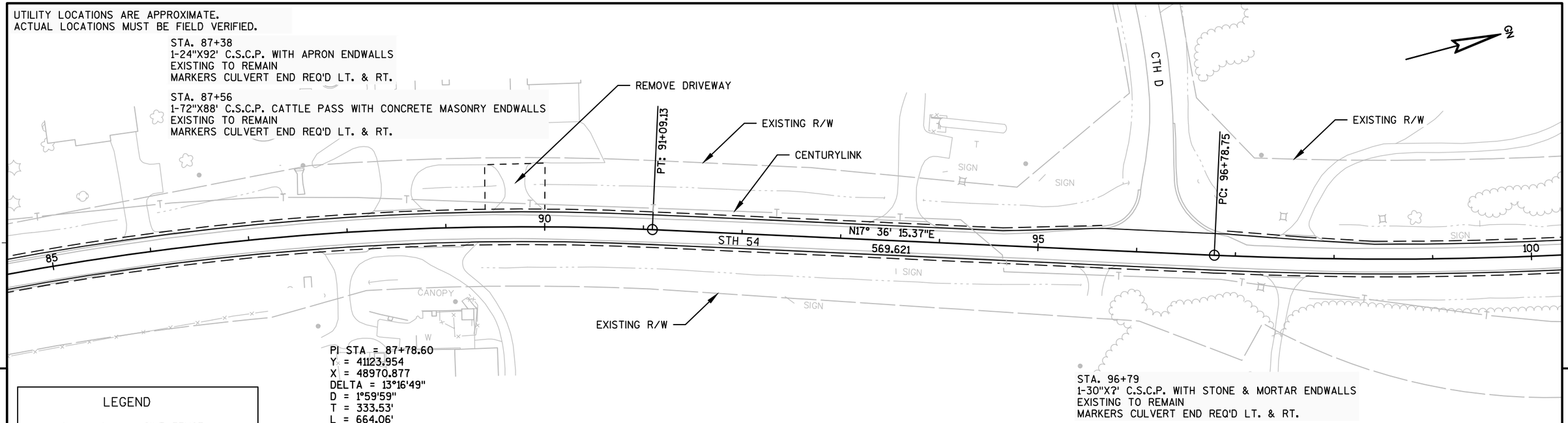
STA. 78+21
1-24"X88' C.S.C.P. WITH DROP INLET LT. AND APRON ENDWALLS RT.
EXISTING TO REMAIN
CLEANING CULVERT PIPES FOR LINER VERIFICATION REQ'D
CULVERT PIPE LINERS, 24-INCH REQ'D
APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH, REQ'D RT.
MARKERS CULVERT END REQ'D LT. & RT.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 87+38
1-24"X92' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 87+56
1-72"X88' C.S.C.P. CATTLE PASS WITH CONCRETE MASONRY ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.



PI STA = 87+78.60
Y = 41123.954
X = 48970.877
DELTA = 13°16'49"
D = 1°59'59"
T = 333.53'
L = 664.06'
R = 2865.00'
PC STA = 84+45.07
PT STA = 91+09.13

LEGEND
SILT FENCE
EROSION MAT URBAN CLASS 1 TYPE B

STA. 96+79
1-30"X7' C.S.C.P. WITH STONE & MORTAR ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

REMOVING GUARDRAIL
STA. 108+52 - STA. 108+92, LT.

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 108+07.91, 20' LT.

MGS GUARDRAIL 3
STA. 108+61.04 - STA. 108+86.04, 18' LT.

MGS THRIE BEAM TRANSITION
STA. 108+86.04 - STA. 109+25.44, 18' LT.

SALVAGED RAIL
STA. 108+92 - STA. 109+24, LT.

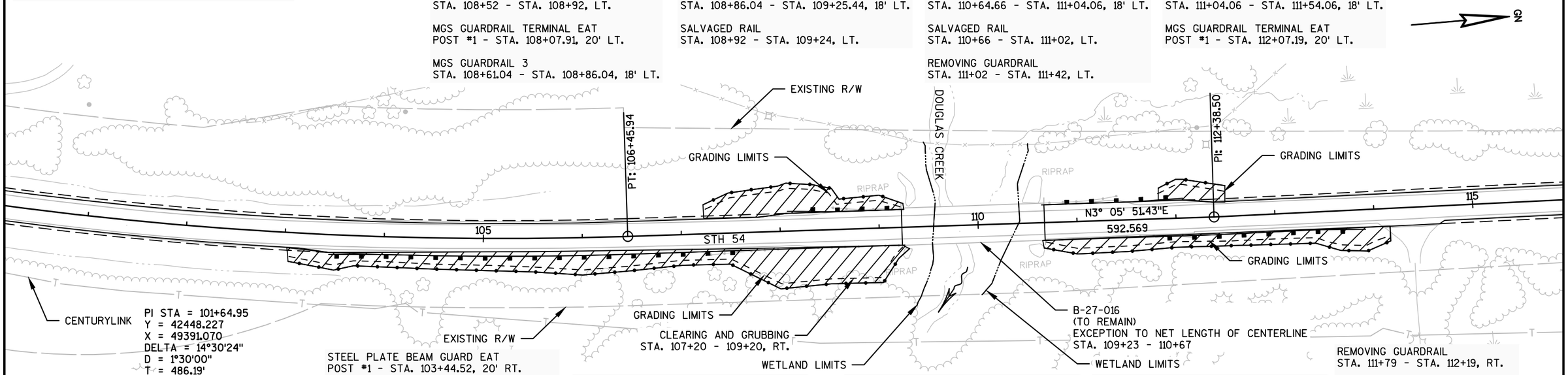
MGS THRIE BEAM TRANSITION
STA. 110+64.66 - STA. 111+04.06, 18' LT.

SALVAGED RAIL
STA. 110+66 - STA. 111+02, LT.

REMOVING GUARDRAIL
STA. 111+02 - STA. 111+42, LT.

MGS GUARDRAIL 3
STA. 111+04.06 - STA. 111+54.06, 18' LT.

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 112+07.19, 20' LT.



PI STA = 101+64.95
Y = 42448.227
X = 49391.070
DELTA = 14°30'24"
D = 1°30'00"
T = 486.19'
L = 967.18'
R = 3820.00'
PC STA = 96+78.75
PT STA = 106+45.94

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 103+44.52, 20' RT.

STEEL PLATE BEAM GUARD CLASS A
STA. 103+94.52 - STA. 107+68.34, 18' RT.

REMOVING GUARDRAIL
STA. 107+28 - STA. 107+68, RT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 107+68 - STA. 109+05, 18' RT.

STEEL THRIE BEAM STRUCTURE APPROACH
STA. 109+04.91 - STA. 109+25.56, 18' RT.

STEEL THRIE BEAM STRUCTURE APPROACH
STA. 110+64.78 - STA. 110+85.43, 18' RT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 110+85 - STA. 111+79, 18' RT.

STEEL PLATE BEAM GUARD CLASS A
STA. 111+78.67 - STA. 113+40.88, 18' RT.

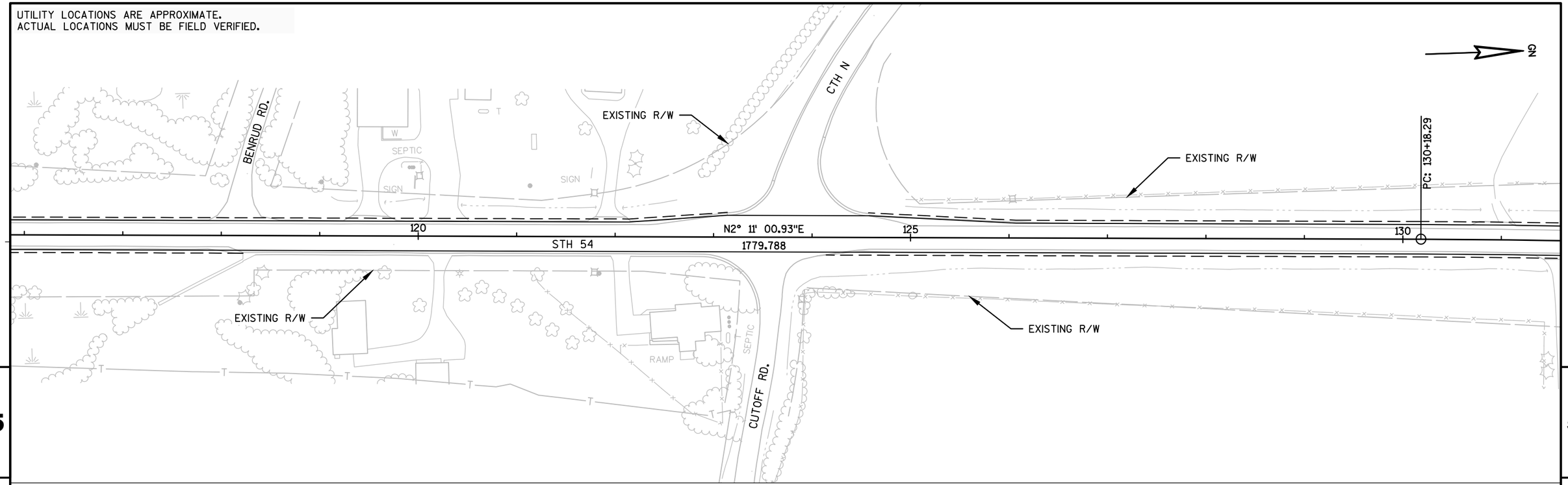
STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 113+90.88, 20' RT.

REMOVING GUARDRAIL
STA. 111+79 - STA. 112+19, RT.

SALVAGED RAIL
STA. 109+05 - STA. 109+24, RT.
STA. 110+66 - STA. 110+85, RT.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

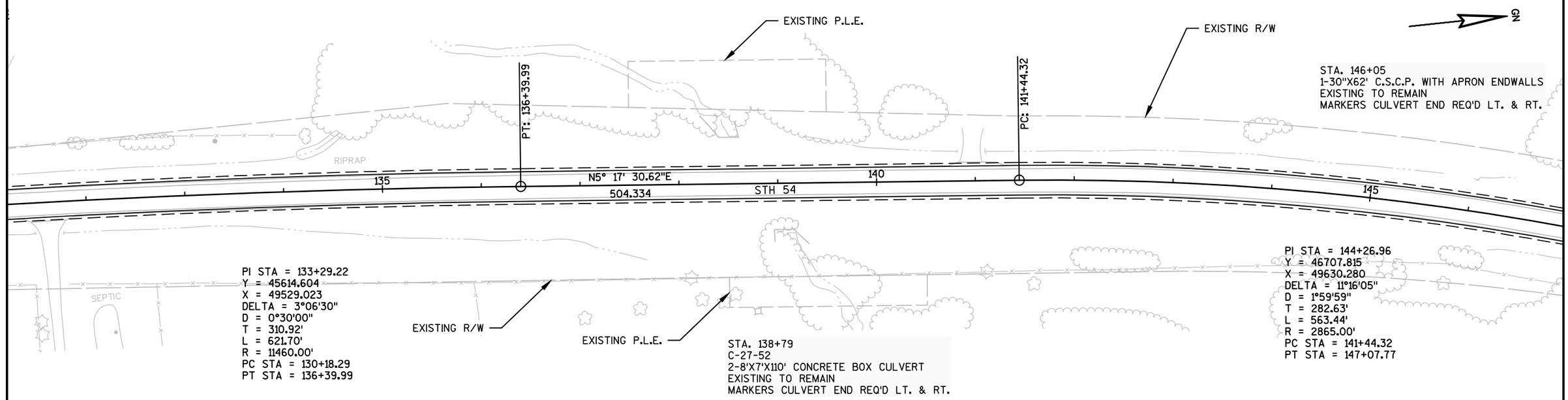
UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



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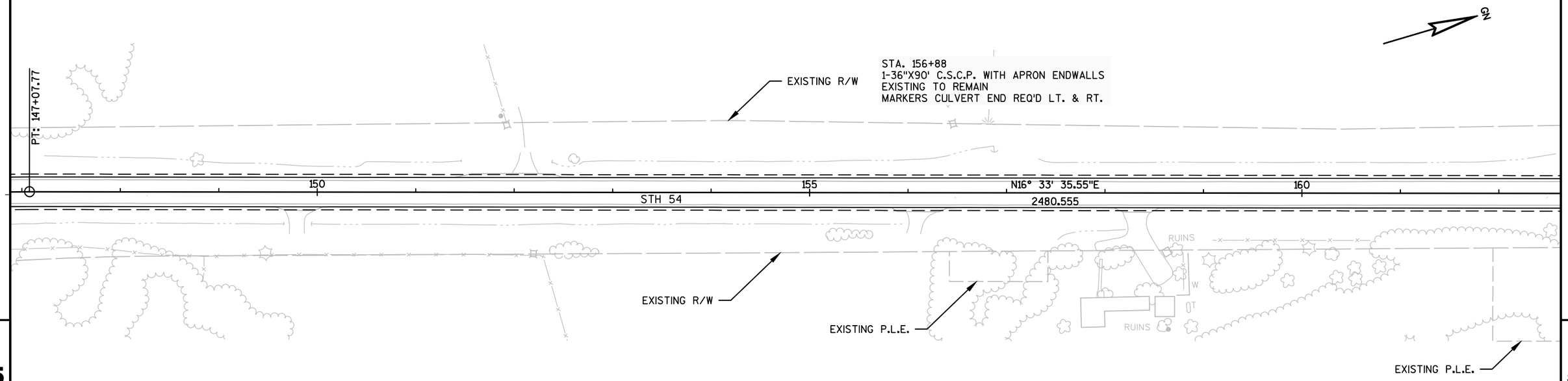
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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

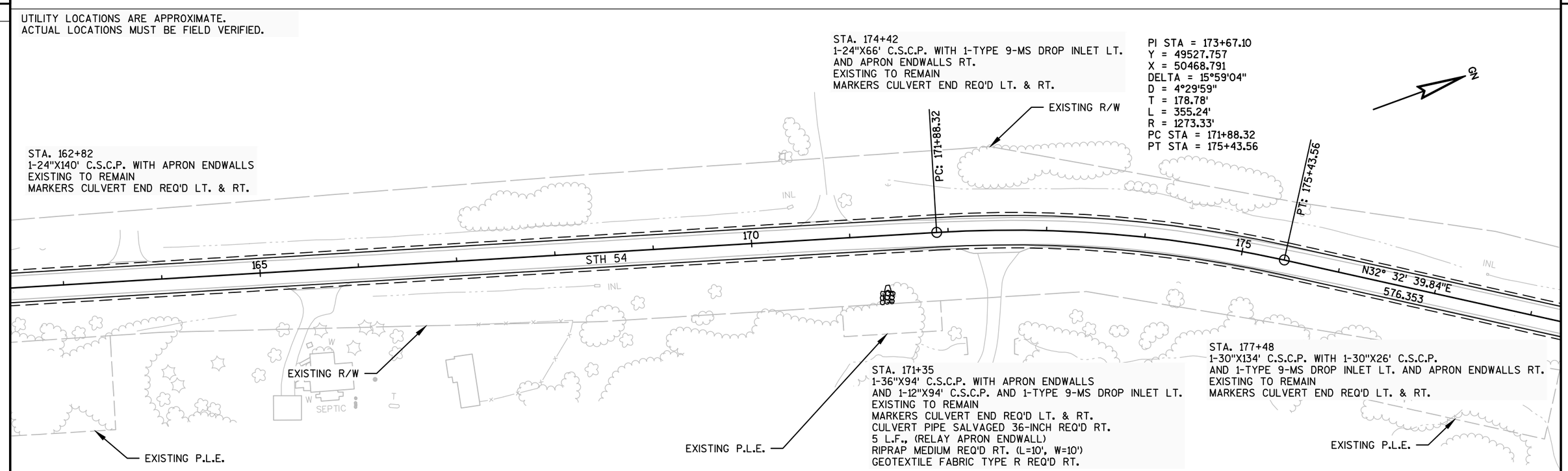
UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 184+47.30, 20' LT.

MGS GUARDRAIL 3
STA. 185+00.43 - STA. 186+76.06, 18' LT.

EXISTING P.L.E.

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 187+29.19, 20' LT.

REMOVING GUARDRAIL
STA. 185+20 - STA. 185+61, LT.
STA. 186+54 - STA. 186+94, LT.

SALVAGED RAIL
STA. 185+61 - STA. 186+54, LT.

EXISTING R/W

WETLAND LIMITS

CLEARING AND GRUBBING
STA. 186+00 - 187+00, LT.

PC: 181+19.91

PT: 185+42.08

WHITE CREEK

GRADING LIMITS

STA. 190+45
REMOVE DRIVEWAY
REMOVE 1-38" CP

GRADING LIMITS

N13° 32' 53.08"E
955.138

180

185

190

STH 54

EXISTING P.L.E.

EXISTING R/W

PI STA = 183+32.95
Y = 50343.903
X = 50989.623
DELTA = 18°59'47"
D = 4°29'59"
T = 213.04'
L = 422.17'
R = 1273.33'
PC STA = 181+19.91
PT STA = 185+42.08

GRADING LIMITS

STA. 185+71
C-27-31
2-7'X6'X91' CONCRETE BOX CULVERT
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

GRADING LIMITS

EXISTING P.L.E.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 184+01.05, 20' RT.

STEEL PLATE BEAM GUARD CLASS A
STA. 184+51.05 - STA. 185+12.68, 18' RT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 185+13 - STA. 185+92, 18' RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 186+42.29, 20' RT.

GRADING LIMITS

REMOVING GUARDRAIL
STA. 184+48 - STA. 184+88, RT.
STA. 186+25 - STA. 186+65, RT.

SALVAGED RAIL
STA. 184+88 - STA. 185+13, RT.
STA. 185+92 - STA. 186+25, RT.

LEGEND

SILT FENCE

EROSION MAT URBAN
CLASS 1 TYPE B

5

5

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 198+75
2-54"X134' C.S.C.P. WITH DROP INLET RT. AND
CONCRETE MASONRY ENDWALLS LT.
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

EXISTING P.L.E.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 195+57.85, 20' LT.

STEEL PLATE BEAM GUARD CLASS A
STA. 196+07.85 - STA. 197+80.68, 18' LT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 198+81 - STA. 200+01, 18' LT.

STEEL PLATE BEAM GUARD CLASS A
STA. 200+00.58 - STA. 200+38.08, 18' LT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 200+88.08, 20' LT.

REMOVING GUARDRAIL
STA. 197+10 - STA. 197+49, LT.
STA. 200+43 - STA. 200+83, LT.

SALVAGED RAIL
STA. 197+49 - STA. 198+81, LT.
STA. 200+01 - STA. 200+43, LT.

EXISTING R/W

PT: 199+64.17

GRADING LIMITS

PC: 194+97.22

200

205

STH 54

N32° 13' 28.46"E
1997.691

195

GRADING LIMITS

PI STA = 197+32.78
Y = 51708.583
X = 51318.465
DELTA = 18°40'35"
D = 3°59'59"
T = 235.56'
L = 466.95'
R = 1432.50'
PC STA = 194+97.22
PT STA = 199+64.17

GRADING LIMITS

EXISTING P.L.E.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 194+51.10, 20' RT.

STEEL PLATE BEAM GUARD CLASS A
STA. 195+01.10 - STA. 198+17.58, 18' RT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 198+18 - STA. 199+36, 18' RT.

STEEL PLATE BEAM GUARD CLASS A
STA. 199+36.10 - STA. 206+86.45, 18' RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 207+36.45, 20' RT.

GRADING LIMITS

REMOVING GUARDRAIL
STA. 197+42 - STA. 197+83, RT.
STA. 199+96 - STA. 200+36, RT.
STA. 205+91 - STA. 206+31, RT.
STA. 206+88 - STA. 207+72, RT.

SALVAGED RAIL
STA. 197+83 - STA. 198+18, RT.
STA. 199+36 - STA. 199+96, RT.
STA. 206+31 - STA. 206+88, RT.

GRADING LIMITS

GRADING LIMITS

EXISTING R/W

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 213+71
1-24"X72' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 220+63
1-24"X62' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH REQ'D RT.
MARKERS CULVERT END REQ'D LT. & RT.

EXISTING R/W

PC: 219+61.86

JACKSON ELECTRIC COOPERATIVE

GN

SEPTIC

CTH H

HG

OH

210

215

STH 54

220

225

GRADING LIMITS

EXISTING R/W

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 219+27.50, 20' RT.

MGS GUARDRAIL 3
STA. 219+80.63 - STA. 220+56.80, 18' RT.

REMOVING GUARDRAIL
STA. 219+95 - STA. 220+36, RT.
STA. 220+53 - STA. 220+94, RT.

SALVAGED RAIL
STA. 220+36 - STA. 220+53, RT.

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 221+09.93, 20' RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 222+35.08, 20' RT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 223+10 - STA. 224+83, 18' RT.

REMOVING GUARDRAIL
STA. 222+45 - STA. 222+85, RT.
STA. 225+31 - STA. 225+72, RT.

SALVAGED RAIL
STA. 222+85 - STA. 223+10, RT.
STA. 224+83 - STA. 225+31, RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 225+32.70, 20' RT.

GRADING LIMITS

EXISTING P.L.E.

STA. 224+54
2-54"X94' C.S.C.P. WITH CONCRETE MASONRY ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.
BASE AGGREGATE DENSE 3/4-INCH REQ'D RT.
2 TON (FILL IN AROUND CULVERT)

GRADING LIMITS

5

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS 1 TYPE B

5

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

GN

STA. 233+36
1-30"X64' C.S.C.P. WITH 1-30"X26' C.S.C.P. AND
1-TYPE 9-MS DROP INLET LT. AND APRON ENDWALLS RT.
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

PT: 231+44.43

EXISTING R/W

STA. 239+50
1-24"X60' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

INL

230

STH 54

235

240

GRADING LIMITS

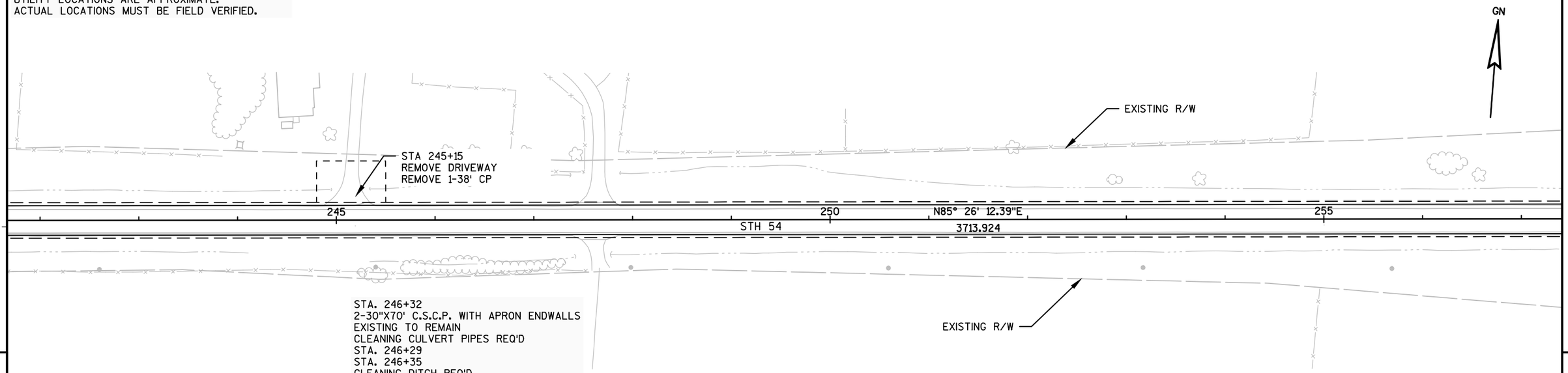
EXISTING R/W

PI STA = 225+99.66
Y = 54137.397
X = 52849.426
DELTA = 53°12'44"
D = 4°29'59"
T = 637.81'
L = 1182.58'
R = 1273.33'
PC STA = 219+61.86
PT STA = 231+44.43

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500130\SHEETSPLAN\050120_PP.DWG PLOT DATE : 8/25/2016 6:56 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : **********

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



STA. 246+32
2-30"X70' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
CLEANING CULVERT PIPES REQ'D
STA. 246+29
STA. 246+35
CLEANING DITCH REQ'D
STA. 245+80 - STA. 246+85, RT.
MARKERS CULVERT END REQ'D LT. & RT.

5

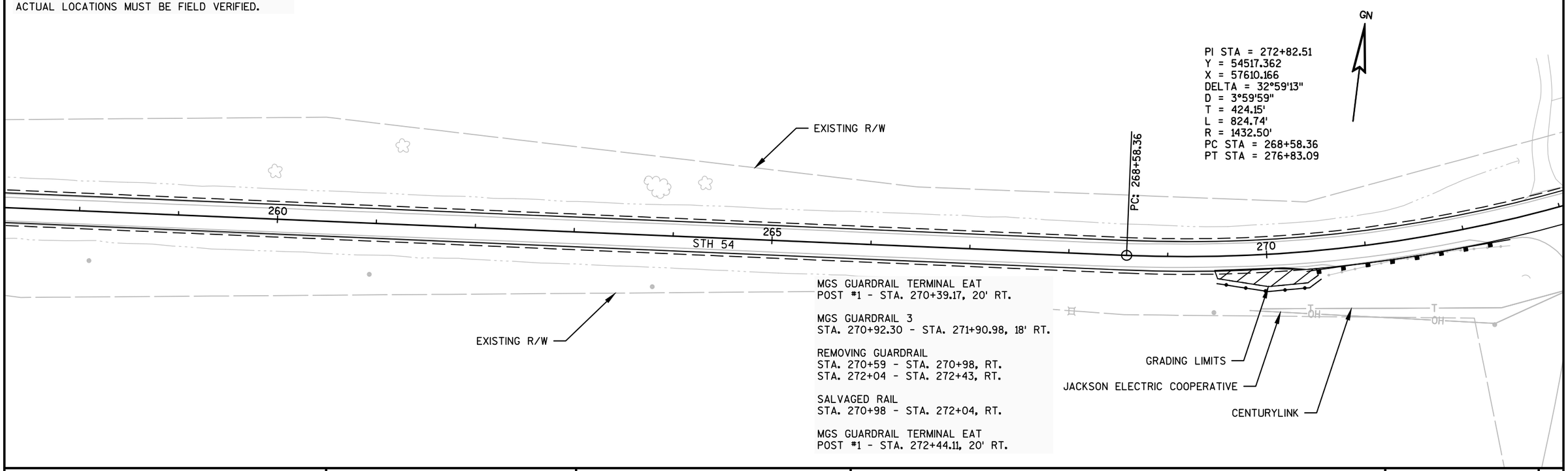
LEGEND

SILT FENCE

EROSION MAT URBAN
CLASS 1 TYPE B

5

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 270+39.17, 20' RT.

MGS GUARDRAIL 3
STA. 270+92.30 - STA. 271+90.98, 18' RT.

REMOVING GUARDRAIL
STA. 270+59 - STA. 270+98, RT.
STA. 272+04 - STA. 272+43, RT.

SALVAGED RAIL
STA. 270+98 - STA. 272+04, RT.

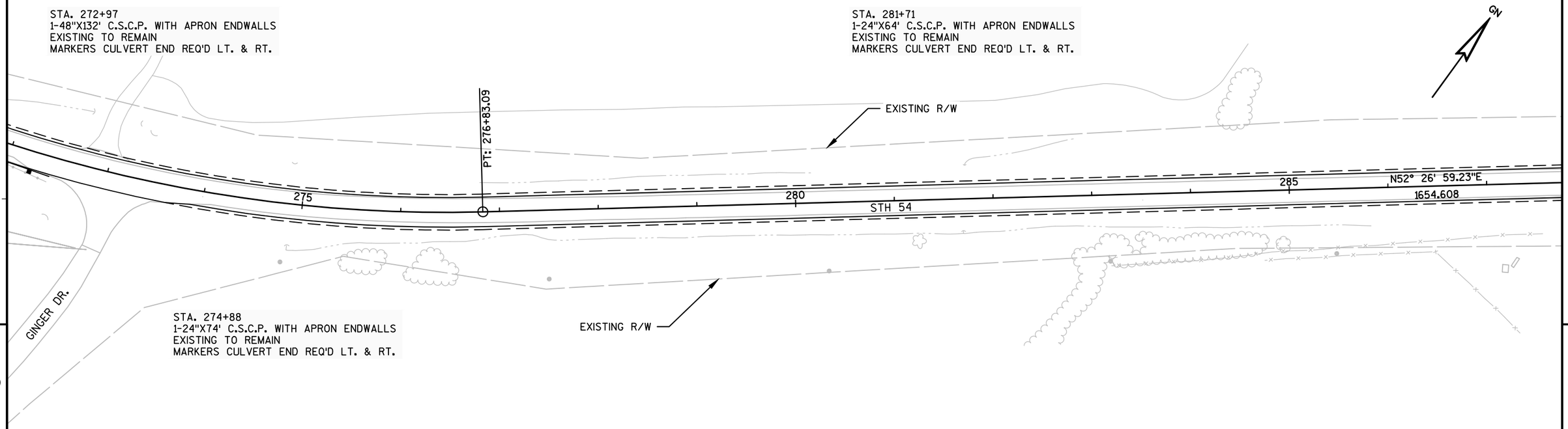
MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 272+44.11, 20' RT.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 272+97
1-48"X132' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 281+71
1-24"X64' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.



STA. 274+88
1-24"X74' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

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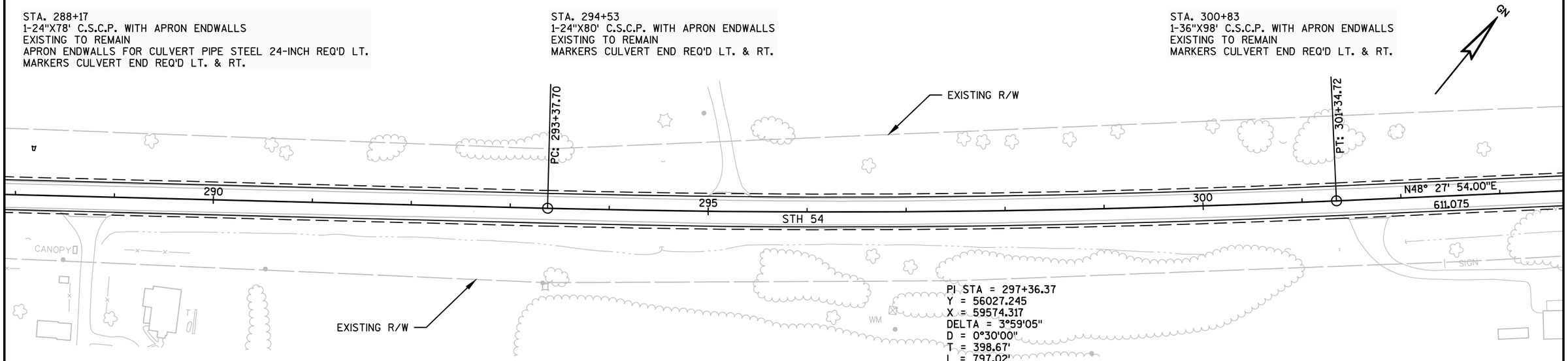
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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 288+17
1-24"X78' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH REQ'D LT.
MARKERS CULVERT END REQ'D LT. & RT.

STA. 294+53
1-24"X80' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 300+83
1-36"X98' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.



PI STA = 297+36.37
Y = 56027.245
X = 59574.317
DELTA = 3°59'05"
D = 0°30'00"
T = 398.67'
L = 797.02'
R = 11460.00'
PC STA = 293+37.70
PT STA = 301+34.72

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

EXISTING R/W

PC: 307+45.79

310

STH 54

315

305

RIPRAP

SUNNYVALE RD.

STA. 310+34
1-42"X116' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

PI STA = 315+31.93
Y = 57218.055
X = 60918.627
DELTA = 63°22'53"
D = 4°29'59"
T = 786.14'
L = 1408.58'
R = 1273.33'
PC STA = 307+45.79
PT STA = 321+54.37

EXISTING R/W

EXISTING R/W

SEPTIC

5

5

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

EXISTING R/W

ROARING CREEK RD.

PT: 321+54.37

320

325

S68° 09' 12.76"E
1400.359

330

335

STH 54

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 331+87.07, 21' LT.
POST #1 - STA. 331+90.87, 21' RT.
POST #1 - STA. 334+99.59, 21' LT.
POST #1 - STA. 335+03.91, 21' RT.

MGS THRIE BEAM TRANSITION
STA. 332+65.20 - STA. 333+04.60, 19' LT.
STA. 332+81.50 - STA. 333+20.90, 19' RT.
STA. 333+69.56 - STA. 334+08.96, 19' LT.
STA. 333+86.38 - STA. 334+25.78, 19' RT.

REMOVING GUARDRAIL
STA. 332+26 - STA. 332+66, LT.
STA. 332+43 - STA. 332+83, RT.
STA. 334+07 - STA. 334+47, LT.
STA. 334+31 - STA. 334+71, RT.

MGS GUARDRAIL 3
STA. 332+40.20 - STA. 332+65.20, 19' LT.
STA. 332+44.00 - STA. 332+81.50, 19' RT.
STA. 334+08.96 - STA. 334+46.46, 19' LT.
STA. 334+25.78 - STA. 334+50.78, 19' RT.

SALVAGED RAIL
STA. 332+66 - STA. 333+03, LT.
STA. 332+83 - STA. 333+19, RT.
STA. 333+71 - STA. 334+07, LT.
STA. 333+88 - STA. 334+31, RT.

RUINS

EXISTING P.L.E.

JACKSON ELECTRIC COOPERATIVE

CENTURYLINK

GRADING LIMITS

GRADING LIMITS

WETLAND LIMITS

RIPRAP

RIPRAP

OH

OH

OH

W

W

W

W

GRADING LIMITS

CLEARING AND GRUBBING
STA. 331+10 - 332+10, RT.

GRADING LIMITS

B-27-076
(TO REMAIN)
EXCEPTION TO NET LENGTH OF CENTERLINE
STA. 333+10 - 333+81

ROARING CREEK

WETLAND LIMITS

EXISTING P.L.E.

STA. 320+10
1-24"X176' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH REQ'D RT.
MARKERS CULVERT END REQ'D LT. & RT.

STA. 327+21
1-24"X68' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 339+18
1-30"X146' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

EXISTING R/W

PC: 335+54.73

PT: 339+97.53

PC: 343+88.84

PT: 348+55.82

340

345

350

S81° 26' 11.64"E

391.308

STH 54

EXISTING R/W

PI STA = 337+77.12
Y = 56321.655
X = 63154.527
DELTA = 13°16'59"
D = 2°59'59"
T = 222.40'
L = 442.80'
R = 1910.00'
PC STA = 335+54.73
PT STA = 339+97.53

PI STA = 346+22.85
Y = 56195.426
X = 63992.794
DELTA = 9°20'21"
D = 1°59'59"
T = 234.01'
L = 466.99'
R = 2865.00'
PC STA = 343+88.84
PT STA = 348+55.82

GN

FOUND

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS 1 TYPE B

5

5

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

JACKSON ELECTRIC COOPERATIVE

CENTURYLINK

CENTURYLINK

WETLAND LIMITS

MAPLE RD.

EXISTING R/W

GRADING LIMITS

STA. 251+27
REMOVE DRIVEWAY
REMOVE 1-30" CP

GRADING LIMITS

CENTURYLINK

EXISTING R/W

OH

355

S72° 05' 50.94"E

2191.446

360

365

STH 54

INL

SEPTIC

SIGN

REMOVE DRIVEWAY

GRADING LIMITS

JACKSON ELECTRIC COOPERATIVE

EXISTING R/W

GRADING LIMITS

GRADING LIMITS

EXISTING P.L.E.

GN

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 352+48.49, 20' LT.
POST #1 - STA. 355+46.27, 20' RT.
POST #1 - STA. 359+01.53, 20' RT.

STEEL PLATE BEAM GUARD CLASS A
STA. 352+98.49 - STA. 354+60.99, 18' LT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 355+65 - STA. 356+15, 18' LT.
STA. 356+50 - STA. 357+00, 18' RT.
STA. 352+98.49 - STA. 354+60.99, 18' LT.

SALVAGED RAIL
STA. 354+30 - STA. 354+61, LT.
STA. 355+62 - STA. 355+96, RT.
STA. 358+52 - STA. 358+74, RT.

REMOVING GUARDRAIL
STA. 353+90 - STA. 354+30, LT.
STA. 355+22 - STA. 355+62, RT.
STA. 358+74 - STA. 359+14, RT.

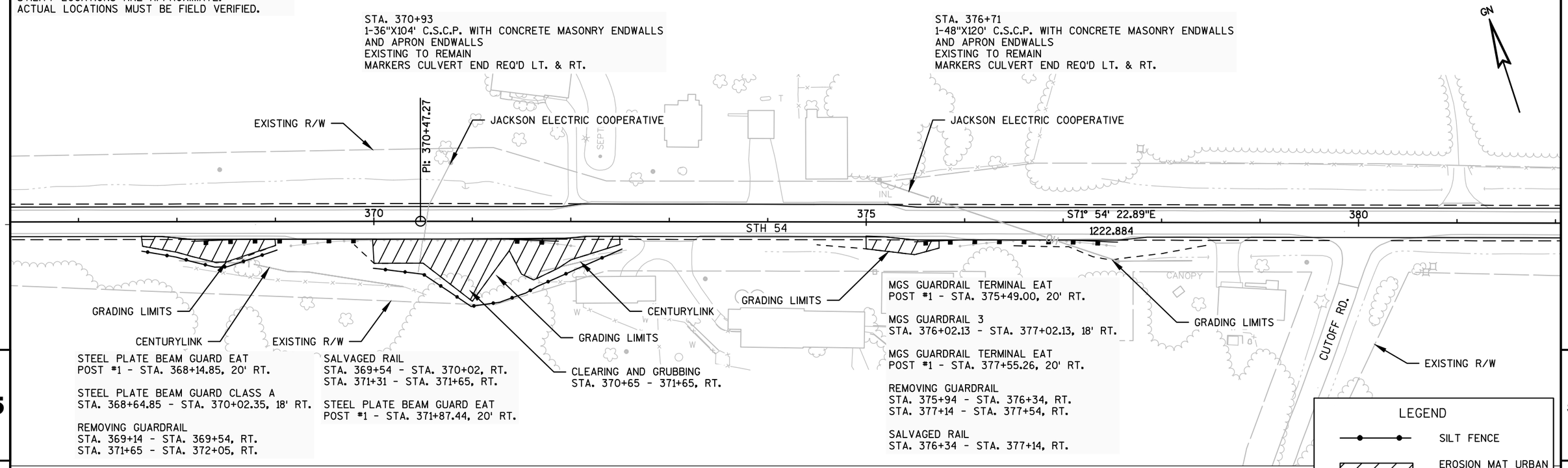
STA. 357+23
1-84"X110' C.S.C.P. WITH CONCRETE MASONRY ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 370+93
1-36"X104' C.S.C.P. WITH CONCRETE MASONRY ENDWALLS
AND APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 376+71
1-48"X120' C.S.C.P. WITH CONCRETE MASONRY ENDWALLS
AND APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.



STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 368+14.85, 20' RT.

STEEL PLATE BEAM GUARD CLASS A
STA. 368+64.85 - STA. 370+02.35, 18' RT.

REMOVING GUARDRAIL
STA. 369+14 - STA. 369+54, RT.
STA. 371+65 - STA. 372+05, RT.

SALVAGED RAIL
STA. 369+54 - STA. 370+02, RT.
STA. 371+31 - STA. 371+65, RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 371+87.44, 20' RT.

CLEARING AND GRUBBING
STA. 370+65 - 371+65, RT.

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 375+49.00, 20' RT.

MGS GUARDRAIL 3
STA. 376+02.13 - STA. 377+02.13, 18' RT.

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 377+55.26, 20' RT.

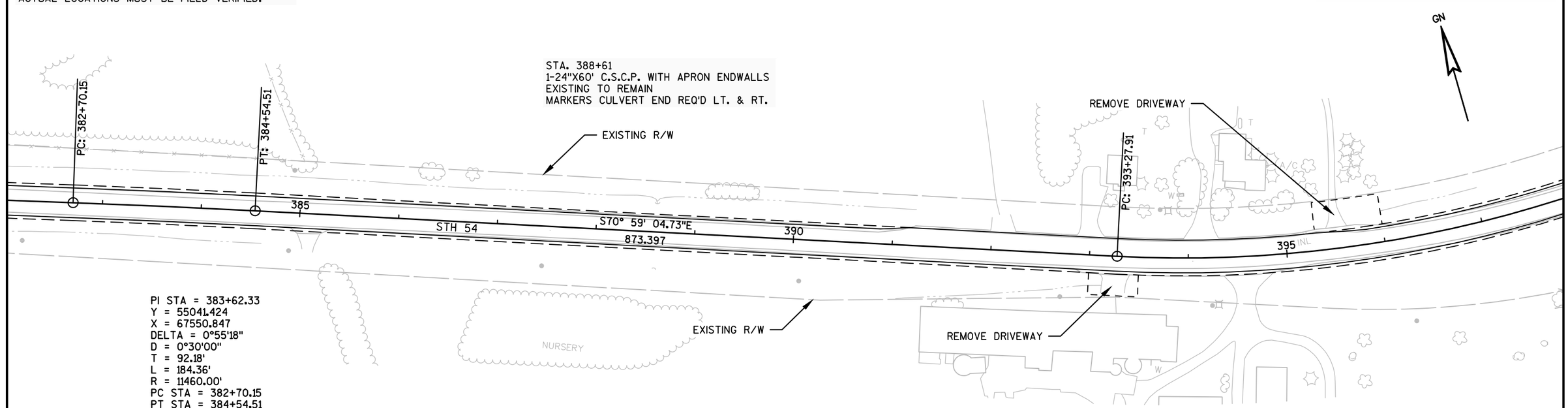
REMOVING GUARDRAIL
STA. 375+94 - STA. 376+34, RT.
STA. 377+14 - STA. 377+54, RT.

SALVAGED RAIL
STA. 376+34 - STA. 377+14, RT.

LEGEND
SILT FENCE
EROSION MAT URBAN CLASS 1 TYPE B

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 388+61
1-24"X60' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.



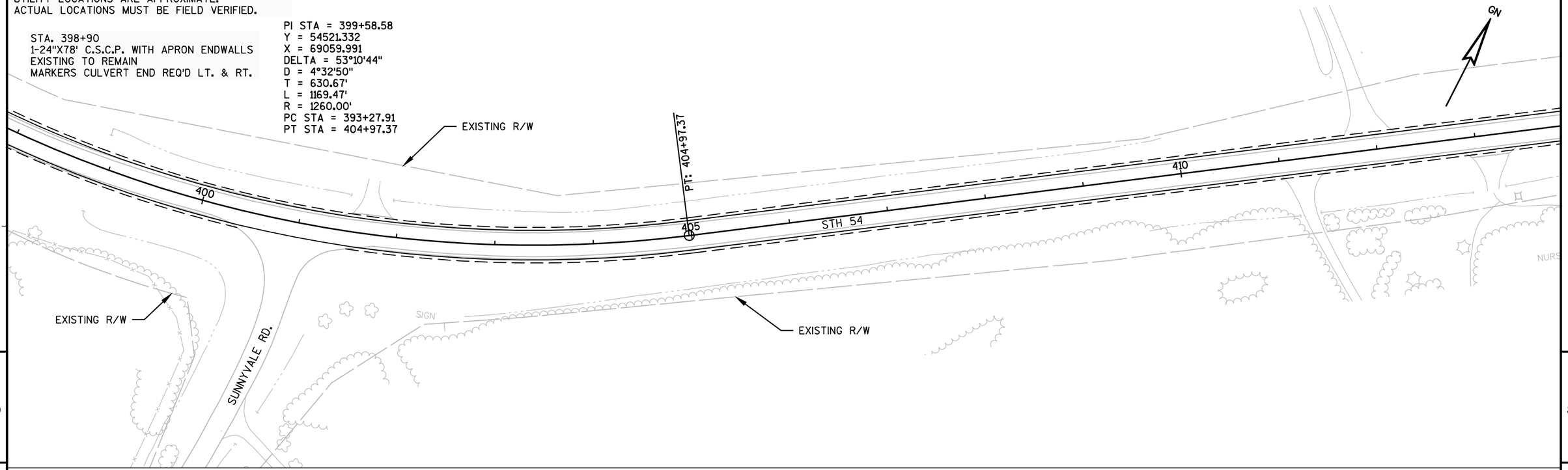
PI STA = 383+62.33
Y = 55041.424
X = 67550.847
DELTA = 0°55'18"
D = 0°30'00"
T = 92.18'
L = 184.36'
R = 11460.00'
PC STA = 382+70.15
PT STA = 384+54.51

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 398+90
1-24"X78' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

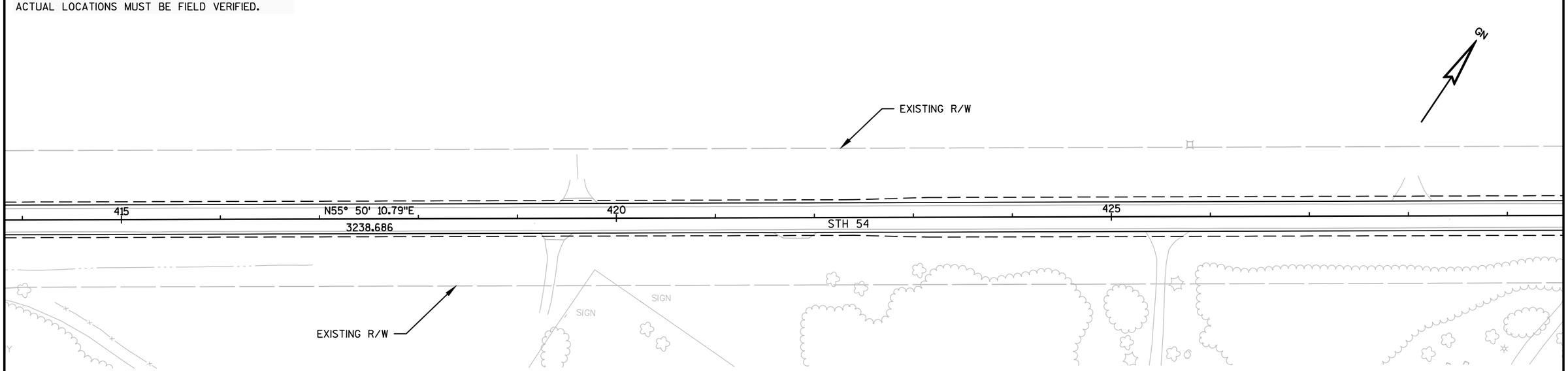
PI STA = 399+58.58
Y = 54521.332
X = 69059.991
DELTA = 53°10'44"
D = 4°32'50"
T = 630.67'
L = 1169.47'
R = 1260.00'
PC STA = 393+27.91
PT STA = 404+97.37



5

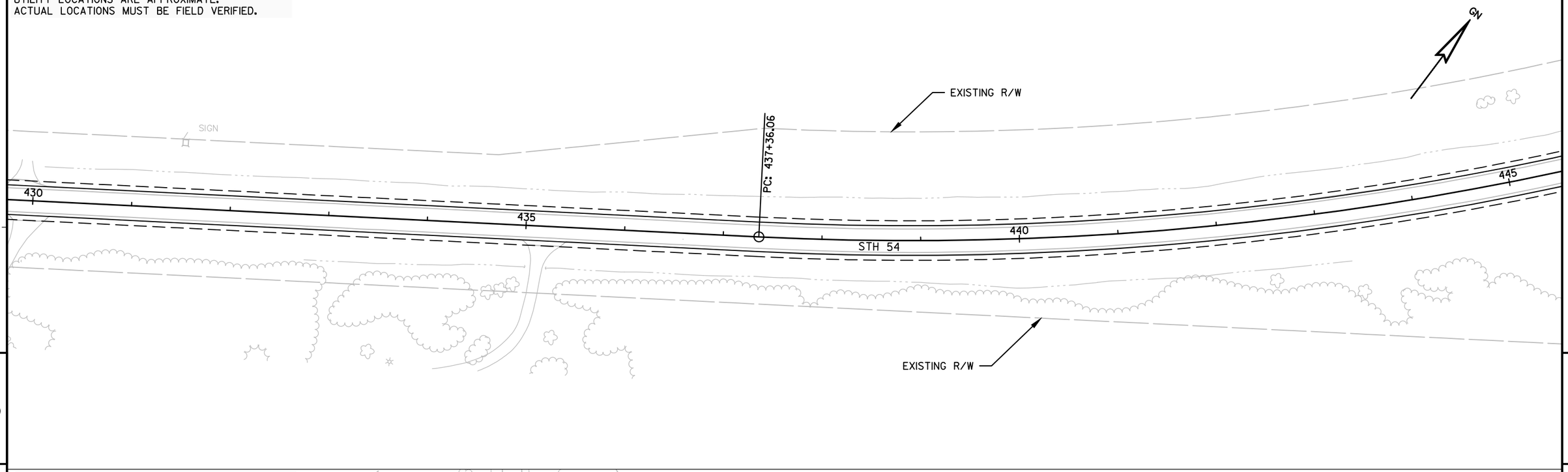
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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



5

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

EXISTING R/W

STA. 449+30
1-24"X64' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

MAPLE RD.

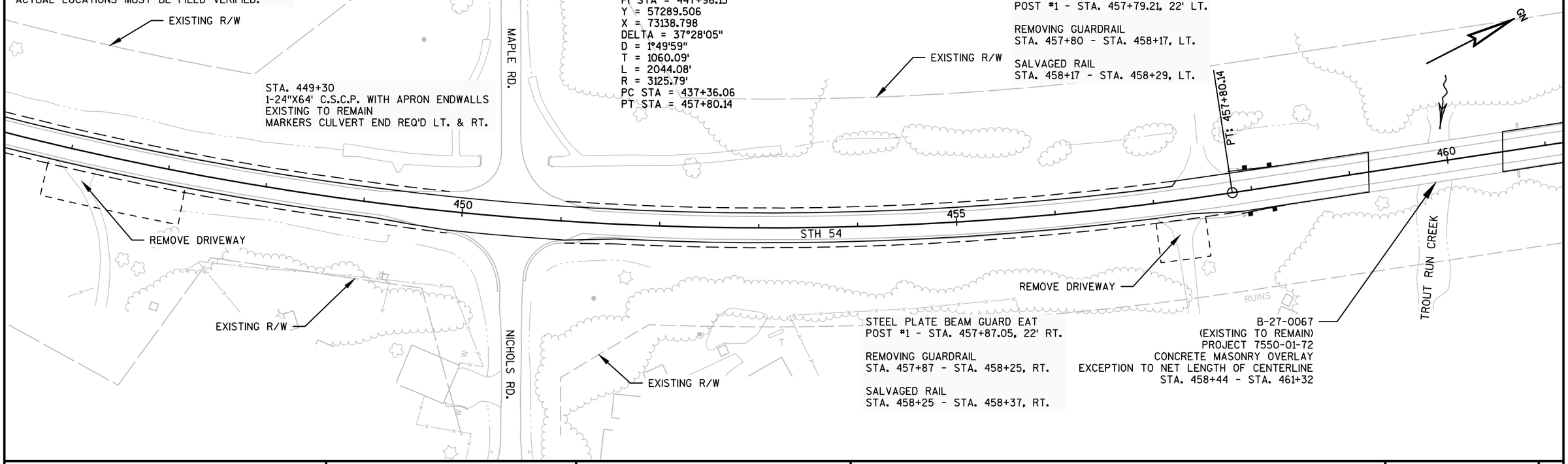
PI STA = 447+96.15
Y = 57289.506
X = 73138.798
DELTA = 37°28'05"
D = 1°49'59"
T = 1060.09'
L = 2044.08'
R = 3125.79'
PC STA = 437+36.06
PT STA = 457+80.14

EXISTING R/W

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 457+79.21, 22' LT.

REMOVING GUARDRAIL
STA. 457+80 - STA. 458+17, LT.

SALVAGED RAIL
STA. 458+17 - STA. 458+29, LT.



STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 457+87.05, 22' RT.

REMOVING GUARDRAIL
STA. 457+87 - STA. 458+25, RT.

SALVAGED RAIL
STA. 458+25 - STA. 458+37, RT.

B-27-0067
(EXISTING TO REMAIN)
PROJECT 7550-01-72
CONCRETE MASONRY OVERLAY
EXCEPTION TO NET LENGTH OF CENTERLINE
STA. 458+44 - STA. 461+32

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

EXISTING R/W

CTH X

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 462+76.83, 22' LT.

REMOVING GUARDRAIL
STA. 462+39 - STA. 462+76, LT.

SALVAGED RAIL
STA. 462+27 - STA. 462+39, LT.

SEPTIC

EXISTING R/W

PC: 475+40.87

465 — N18° 22' 06.05"E 1760.736 — 470 — STH 54 — 475

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 462+08.68, 22' RT.

REMOVING GUARDRAIL
STA. 461+71 - STA. 462+08, RT.

SALVAGED RAIL
STA. 461+58 - STA. 461+71, RT.

JOHN DEERE RD.

EXISTING R/W

STA. 474+80
1-72"X72' C.S.C.P. CATTLE PASS
WITH CONCRETE MASONRY ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

EXISTING R/W

PT: 490+14.18

480 — 485 — STH 54 — 490

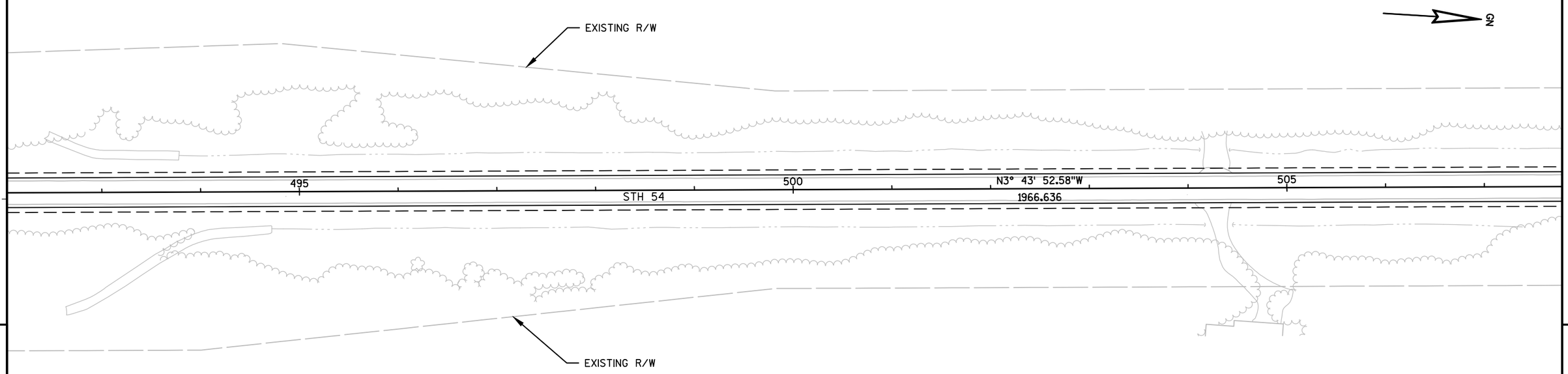
EXISTING R/W

PI STA = 482+86.80
Y = 60674.529
X = 74262.768
DELTA = 22°05'59"
D = 1°30'00"
T = 745.92'
L = 1473.30'
R = 3819.71'
PC STA = 475+40.87
PT STA = 490+14.18

STA. 489+80
1-48"X228' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

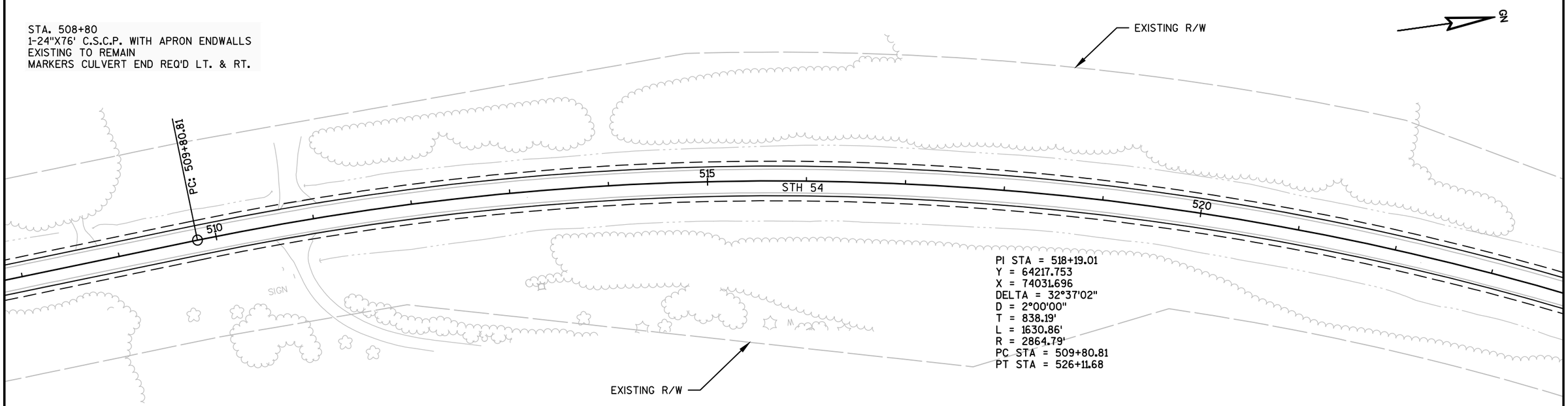


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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 508+80
1-24"X76' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

EXISTING R/W

CLEARING AND GRUBBING
STA. 528+00 - 529+00, LT.

STA. 527+80
1-72"X64' CATTLE PASS WITH CONCRETE MASONRY ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

PT: 526+11.68

GRADING LIMITS

GRADING LIMITS

GRADING LIMITS

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 528+30.03, 22' LT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 528+80 - STA. 530+10, 20' LT.
STA. 531+15 - STA. 531+70, 20' LT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 532+20.51, 22' LT.

REMOVING GUARDRAIL
STA. 528+30 - STA. 528+68, LT.
STA. 531+83 - STA. 532+20, LT.

SALVAGED RAIL
STA. 528+68 - STA. 528+80, LT.
STA. 531+70 - STA. 531+83, LT.

BIG FIELD RD.

GN

525 530 535

STH 54

STA. 530+54
C-27-19
1-5'X5'X283.5' CONCRETE BOX CULVERT
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 528+71.33, 22' RT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 529+21 - STA. 529+65, 20' RT.
STA. 530+20 - STA. 531+10, 20' RT.
STA. 531+60 - STA. 534+10, 20' RT.
STA. 534+80 - STA. 536+15, 20' RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 537+24.28, 22' RT.

REMOVING GUARDRAIL
STA. 528+72 - STA. 529+09, RT.
STA. 536+87 - STA. 537+24, RT.

SALVAGED RAIL
STA. 529+09 - STA. 529+21, RT.
STA. 536+74 - STA. 536+87, RT.

STA. 536+26
1-42"X210' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

NICHOLS RD.

STA. 526+80
1-24"X62' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

LEGEND

SILT FENCE

EROSION MAT URBAN
CLASS 1 TYPE B

EXISTING R/W

5

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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

EXISTING R/W

STA. 551+34
1-48"X296' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

GN

NORMAN RD.

540 545 550 555

N28° 53' 09.42"E
3598.455

STH 54

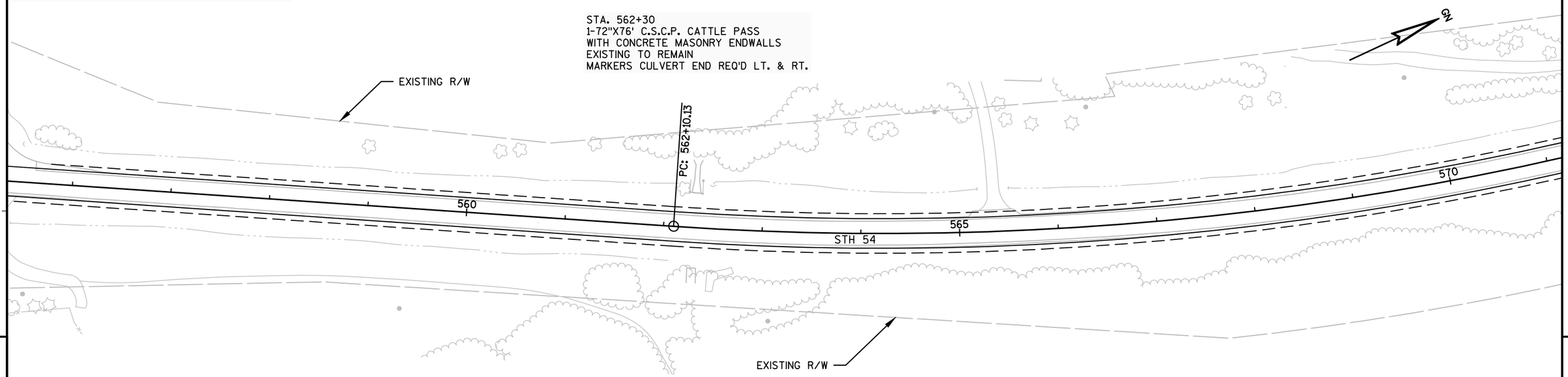
EXISTING R/W

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500130\SHEETSPLAN\050120_PP.DWG PLOT DATE : 8/25/2016 7:01 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : **********

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 562+30
1-72"X76' C.S.C.P. CATTLE PASS
WITH CONCRETE MASONRY ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.



STA. 562+50
1-36"X78' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

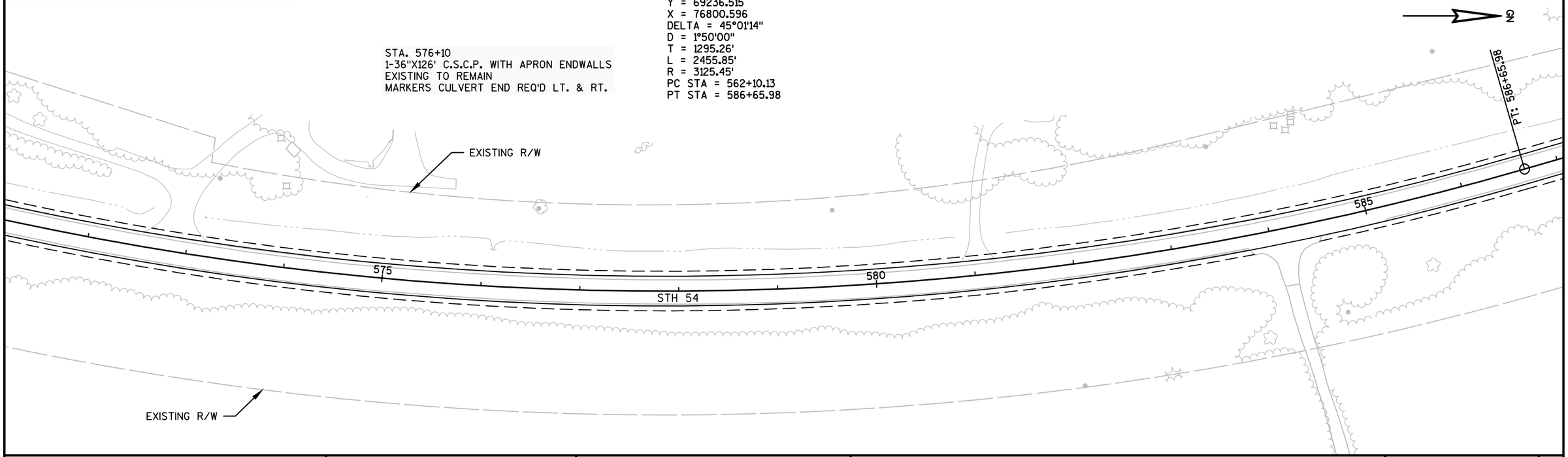
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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

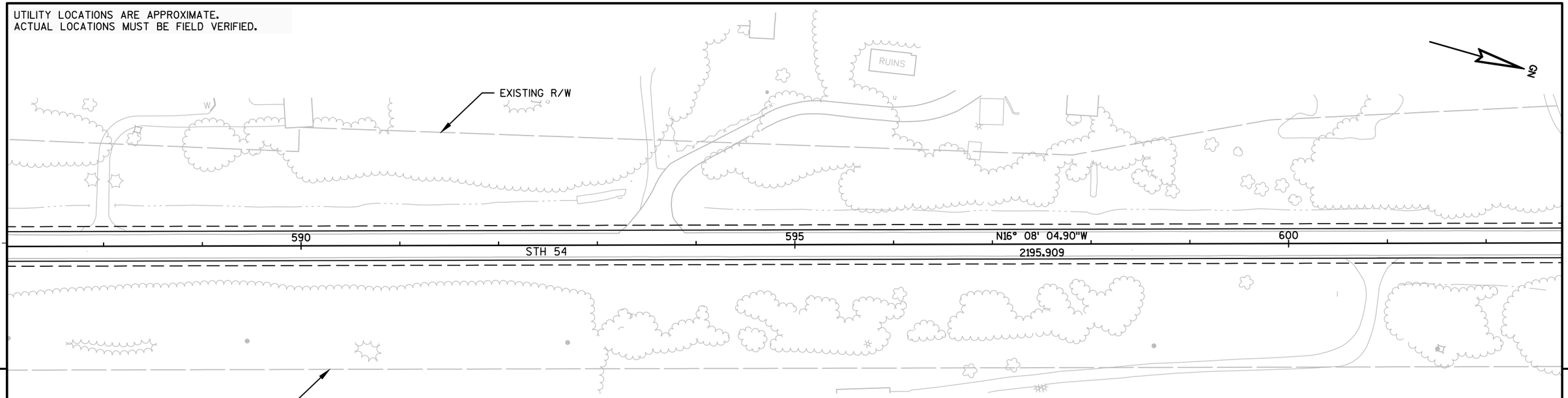
PI STA = 575+05.40
Y = 69236.515
X = 76800.596
DELTA = 45°01'14"
D = 1°50'00"
T = 1295.26'
L = 2455.85'
R = 3125.45'
PC STA = 562+10.13
PT STA = 586+65.98

STA. 576+10
1-36"X126' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



STA. 593+21
1-36"X126' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

5

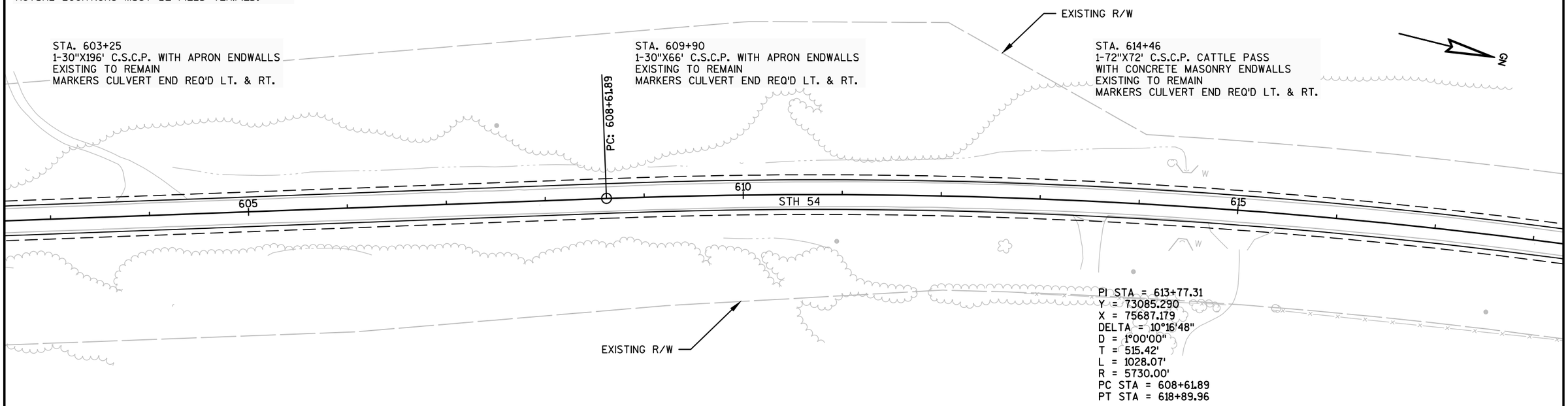
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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 603+25
1-30"X196' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 609+90
1-30"X66' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 614+46
1-72"X72' C.S.C.P. CATTLE PASS
WITH CONCRETE MASONRY ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

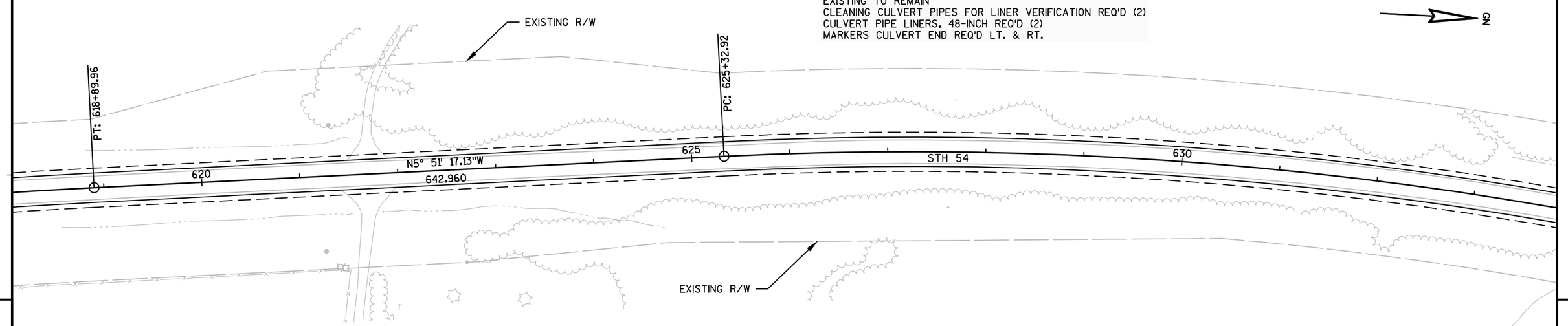


PI STA = 613+77.31
Y = 73085.290
X = 75687.179
DELTA = 10°16'48"
D = 1°00'00"
T = 515.42'
L = 1028.07'
R = 5730.00'
PC STA = 608+61.89
PT STA = 618+89.96

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 627+65
2-48"X108' C.S.C.P. WITH CONCRETE MASONRY ENDWALLS
EXISTING TO REMAIN
CLEANING CULVERT PIPES FOR LINER VERIFICATION REQ'D (2)
CULVERT PIPE LINERS, 48-INCH REQ'D (2)
MARKERS CULVERT END REQ'D LT. & RT.



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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 639+99.08, 22' LT.

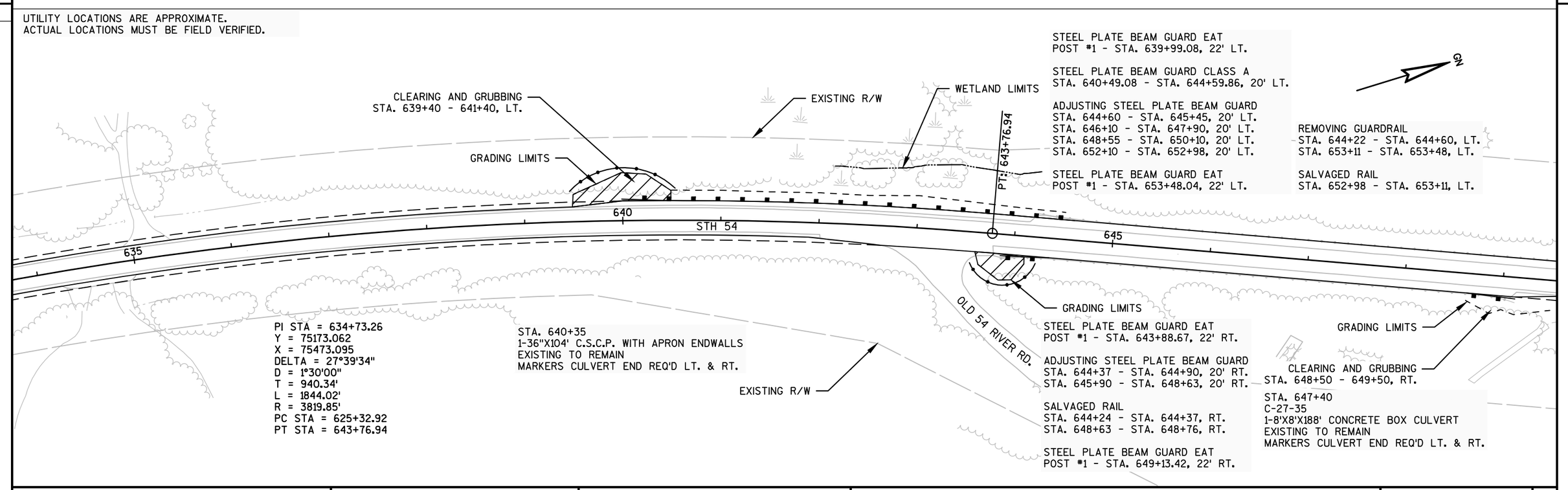
STEEL PLATE BEAM GUARD CLASS A
STA. 640+49.08 - STA. 644+59.86, 20' LT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 644+60 - STA. 645+45, 20' LT.
STA. 646+10 - STA. 647+90, 20' LT.
STA. 648+55 - STA. 650+10, 20' LT.
STA. 652+10 - STA. 652+98, 20' LT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 653+48.04, 22' LT.

REMOVING GUARDRAIL
STA. 644+22 - STA. 644+60, LT.
STA. 653+11 - STA. 653+48, LT.

SALVAGED RAIL
STA. 652+98 - STA. 653+11, LT.



PI STA = 634+73.26
Y = 75173.062
X = 75473.095
DELTA = 27°39'34"
D = 1°30'00"
T = 940.34'
L = 1844.02'
R = 3819.85'
PC STA = 625+32.92
PT STA = 643+76.94

STA. 640+35
1-36"X104' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 643+88.67, 22' RT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 644+37 - STA. 644+90, 20' RT.
STA. 645+90 - STA. 648+63, 20' RT.

SALVAGED RAIL
STA. 644+24 - STA. 644+37, RT.
STA. 648+63 - STA. 648+76, RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 649+13.42, 22' RT.

STA. 647+40
C-27-35
1-8'X8'X188' CONCRETE BOX CULVERT
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 639+99.08, 22' LT.

STEEL PLATE BEAM GUARD CLASS A
STA. 640+49.08 - STA. 644+59.86, 20' LT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 644+60 - STA. 645+45, 20' LT.
STA. 646+10 - STA. 647+90, 20' LT.
STA. 648+55 - STA. 650+10, 20' LT.
STA. 652+10 - STA. 652+98, 20' LT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 653+48.04, 22' LT.

REMOVING GUARDRAIL
STA. 644+22 - STA. 644+60, LT.
STA. 653+11 - STA. 653+48, LT.

SALVAGED RAIL
STA. 652+98 - STA. 653+11, LT.

EXISTING R/W

GRADING LIMITS

GRADING LIMITS

CTH H

GN

STA. 662+62
1-24"X112' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

650 N21° 48' 16.38"E 655 660 665

2493.282

STH 54

GRADING LIMITS

STA. 651+64
1-24"X80' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

GRADING LIMITS

SIGN

GUS RD.

EXISTING R/W

STA. 657+28
1-24"X62' C.S.C.P. WITH APRON ENDWALLS
(REPLACE CULVERT)
REMOVING SMALL PIPE CULVERTS REQ'D
1-24"X45' C.P.R.C., CLASS III REQ'D
2-APRON ENDWALLS FOR CULVERT PIPE
REINFORCED CONCRETE 24-INCH REQ'D
MARKERS CULVERT END REQ'D LT. & RT.

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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 667+66
1-24"X72' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 670+00
1-24"X162' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 677+00
C-27-33
1-3'X3'X204' CONCRETE BOX CULVERT
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

GN

EXISTING R/W

PC: 668+70.22

PT: 678+65.88

670 675 STH 54 680 N26° 46' 56.91"E

583.217

GRADING LIMITS

CLEARING AND GRUBBING
STA. 671+80 - 672+80, RT.

EXISTING R/W

MH

MH

SEPTIC

EXISTING P.L.E.

PI STA = 673+68.36
Y = 78823.535
X = 76933.517
DELTA = 4°58'41"
D = 0°30'00"
T = 498.14'
L = 995.66'
R = 11460.00'
PC STA = 668+70.22
PT STA = 678+65.88

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 672+34.85, 22' RT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 672+85 - STA. 673+20, 20' RT.
STA. 674+10 - STA. 677+39, 20' RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 677+88.79, 22' RT.

REMOVING GUARDRAIL
STA. 672+35 - STA. 672+72, RT.
STA. 677+51 - STA. 677+89, RT.

SALVAGED RAIL
STA. 672+72 - STA. 672+85, RT.
STA. 677+39 - STA. 677+51, RT.

GRADING LIMITS

CLEARING AND GRUBBING
STA. 677+35 - 678+35, RT.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 683+15
1-24"X62' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

PC: 684+49.09

EXISTING R/W

PI STA = 693+23.41
Y = 80569.417
X = 77814.754
DELTA = 17°21'05"
D = 1°00'00"
T = 874.32'
L = 1735.26'
R = 5730.00'
PC STA = 684+49.09
PT STA = 701+84.35

STA. 692+45
1-24"X160' C.S.C.P.
WITH 1-TYPE 9-MS DROP INLET LT.
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 694+10.68, 22' LT.

STEEL PLATE BEAM GUARD CLASS A
STA. 694+60.68 - STA. 695+10.85, 20' LT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 695+11 - STA. 699+78, 20' LT.

SALVAGED RAIL
STA. 694+98 - STA. 695+11, LT.

GRADING LIMITS

CLEARING AND GRUBBING
STA. 693+80 - 694+80, LT.

685 690 695

STH 54

GRADING LIMITS

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 691+54.25, 22' RT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 692+04 - STA. 700+65, 20' RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 701+15.70, 22' RT.

REMOVING GUARDRAIL
STA. 691+55 - STA. 691+92, RT.
STA. 700+78 - STA. 701+15, RT.

SALVAGED RAIL
STA. 691+92 - STA. 692+04, RT.
STA. 700+65 - STA. 700+78, RT.

STA. 697+90
1-36"X174' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
CLEANING CULVERT PIPES FOR LINER VERIFICATION REQ'D
CULVERT PIPE LINERS, 36-INCH REQ'D
MARKERS CULVERT END REQ'D LT. & RT.

EXISTING R/W

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS 1 TYPE B

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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STEEL PLATE BEAM GUARD CLASS A
STA. 699+78.05 - STA. 702+28.77, 20' LT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 695+11 - STA. 699+78, 20' LT.

SALVAGED RAIL
STA. 699+78 - STA. 699+91, LT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 702+78.77, 22' LT.

CLEARING AND GRUBBING
STA. 702+30 - 703+30, LT.

EXISTING P.L.E.

GRADING LIMITS

WETLAND LIMITS

PT: 701+84.35

EXISTING R/W

CLEARING AND GRUBBING
STA. 707+70 - 708+70, LT.

GRADING LIMITS

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 708+15.61, 22' LT.

STEEL PLATE BEAM GUARD CLASS A
STA. 708+65.61 - STA. 709+65.61, 20' LT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 709+66 - STA. 711+69, 20' LT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 712+18.86, 22' LT.

REMOVING GUARDRAIL
STA. 709+16 - STA. 709+53, LT.
STA. 711+81 - STA. 712+19, LT.

SALVAGED RAIL
STA. 709+53 - STA. 709+66, LT.
STA. 711+69 - STA. 711+81, LT.

GRADING LIMITS

700 705 710

STH 54

N9° 25' 52.30"E
1706.196

REMOVE DRIVEWAY

GRADING LIMITS

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 691+54.25, 22' RT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 692+04 - STA. 700+65, 20' RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 701+15.70, 22' RT.

REMOVING GUARDRAIL
STA. 691+55 - STA. 691+92, RT.
STA. 700+78 - STA. 701+15, RT.

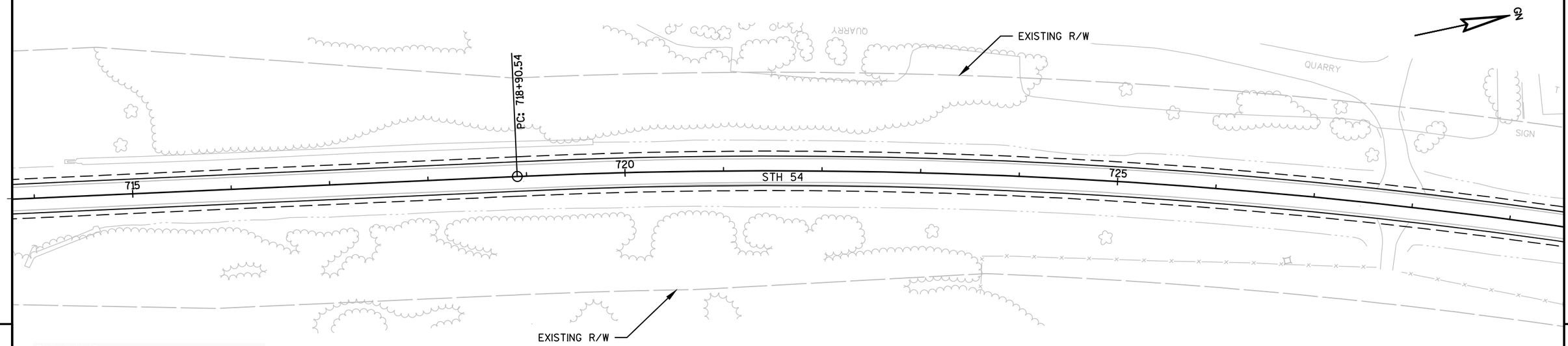
SALVAGED RAIL
STA. 691+92 - STA. 692+04, RT.
STA. 700+65 - STA. 700+78, RT.

EXISTING R/W

STA. 705+04
C-27-36
1-12'X8'X118' CONCRETE BOX CULVERT
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



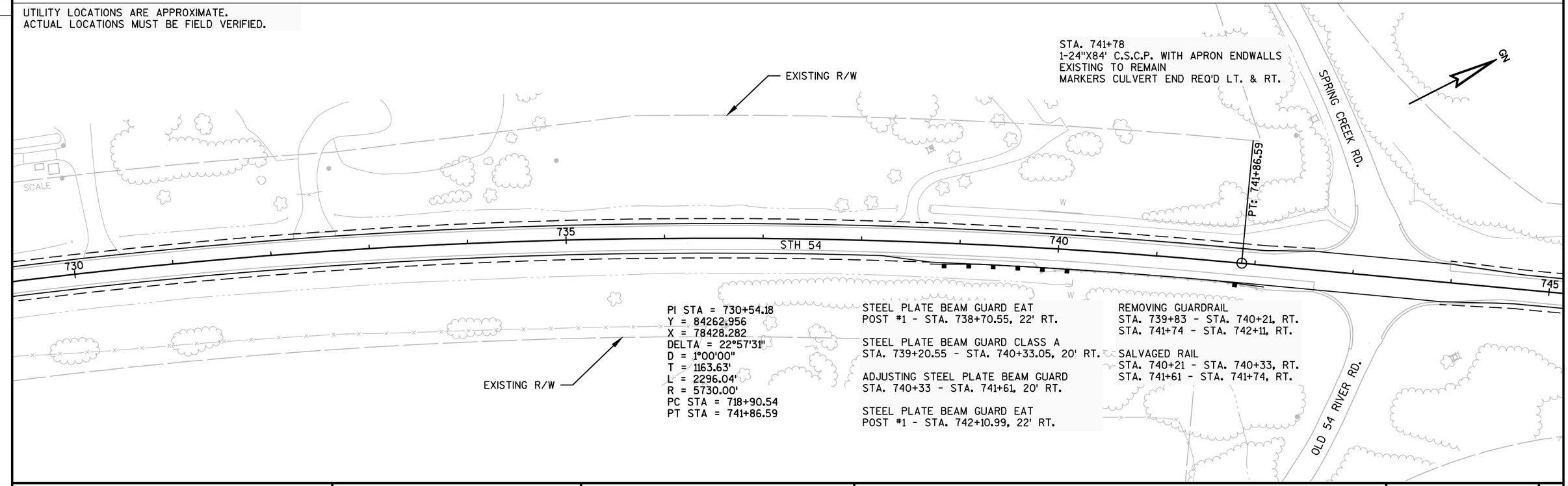
STA. 714+18
1-36"X82' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 741+78
1-24"X84' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.



PI STA = 730+54.18
Y = 84262.956
X = 78428.282
DELTA = 22°57'31"
D = 1°00'00"
T = 1163.63'
L = 2296.04'
R = 5730.00'
PC STA = 718+90.54
PT STA = 741+86.59

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 738+70.55, 22' RT.

STEEL PLATE BEAM GUARD CLASS A
STA. 739+20.55 - STA. 740+33.05, 20' RT.

ADJUSTING STEEL PLATE BEAM GUARD
STA. 740+33 - STA. 741+61, 20' RT.

STEEL PLATE BEAM GUARD EAT
POST #1 - STA. 742+10.99, 22' RT.

REMOVING GUARDRAIL
STA. 739+83 - STA. 740+21, RT.
STA. 741+74 - STA. 742+11, RT.

SALVAGED RAIL
STA. 740+21 - STA. 740+33, RT.
STA. 741+61 - STA. 741+74, RT.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500130\SHEETSPLAN\050120_PP.DWG PLOT DATE : 8/25/2016 7:03 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : **********

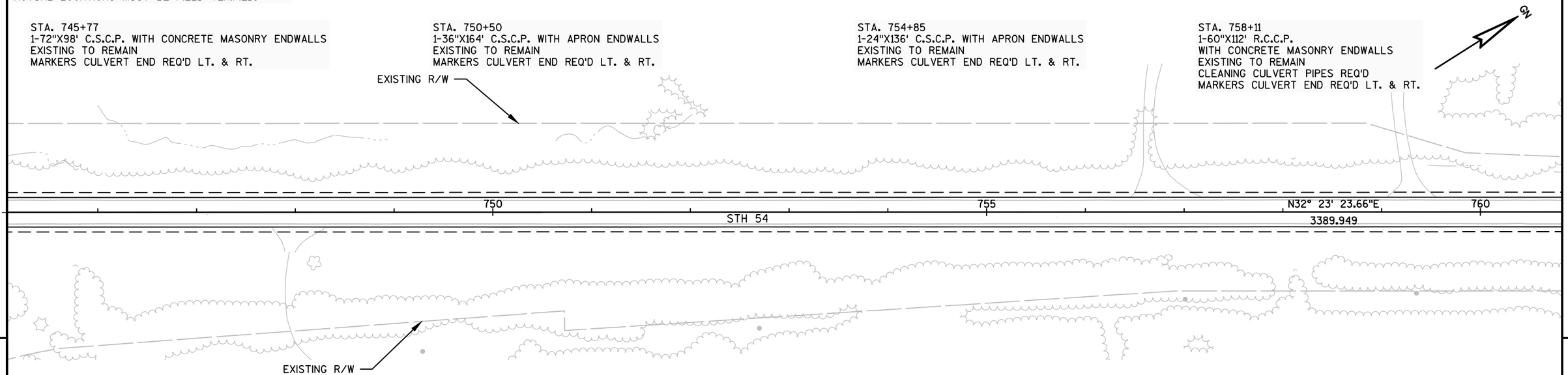
UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 745+77
1-72"X98' C.S.C.P. WITH CONCRETE MASONRY ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 750+50
1-36"X164' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 754+85
1-24"X136' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

STA. 758+11
1-60"X112' R.C.C.P.
WITH CONCRETE MASONRY ENDWALLS
EXISTING TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS CULVERT END REQ'D LT. & RT.



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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

REMOVING GUARDRAIL
STA. 766+83 - STA. 767+21, LT.

SALVAGED RAIL
STA. 767+21 - STA. 767+66, LT.

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 766+48.06, 23.5' LT.

MGS GUARDRAIL 3
STA. 767+01.19 - STA. 767+26.19, 21.5' LT.

MGS THRIE BEAM TRANSITION
STA. 767+26.19 - STA. 767+65.59, 21.5' LT.

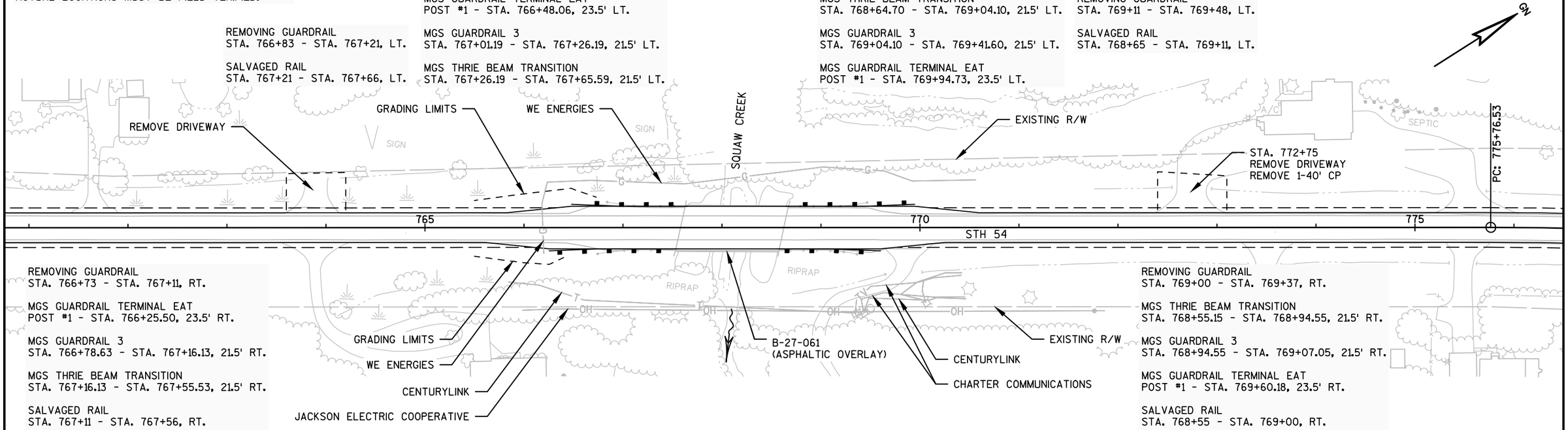
MGS THRIE BEAM TRANSITION
STA. 768+64.70 - STA. 769+04.10, 21.5' LT.

MGS GUARDRAIL 3
STA. 769+04.10 - STA. 769+41.60, 21.5' LT.

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 769+94.73, 23.5' LT.

REMOVING GUARDRAIL
STA. 769+11 - STA. 769+48, LT.

SALVAGED RAIL
STA. 768+65 - STA. 769+11, LT.



REMOVING GUARDRAIL
STA. 766+73 - STA. 767+11, RT.

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 766+25.50, 23.5' RT.

MGS GUARDRAIL 3
STA. 766+78.63 - STA. 767+16.13, 21.5' RT.

MGS THRIE BEAM TRANSITION
STA. 767+16.13 - STA. 767+55.53, 21.5' RT.

SALVAGED RAIL
STA. 767+11 - STA. 767+56, RT.

REMOVING GUARDRAIL
STA. 769+00 - STA. 769+37, RT.

MGS THRIE BEAM TRANSITION
STA. 768+55.15 - STA. 768+94.55, 21.5' RT.

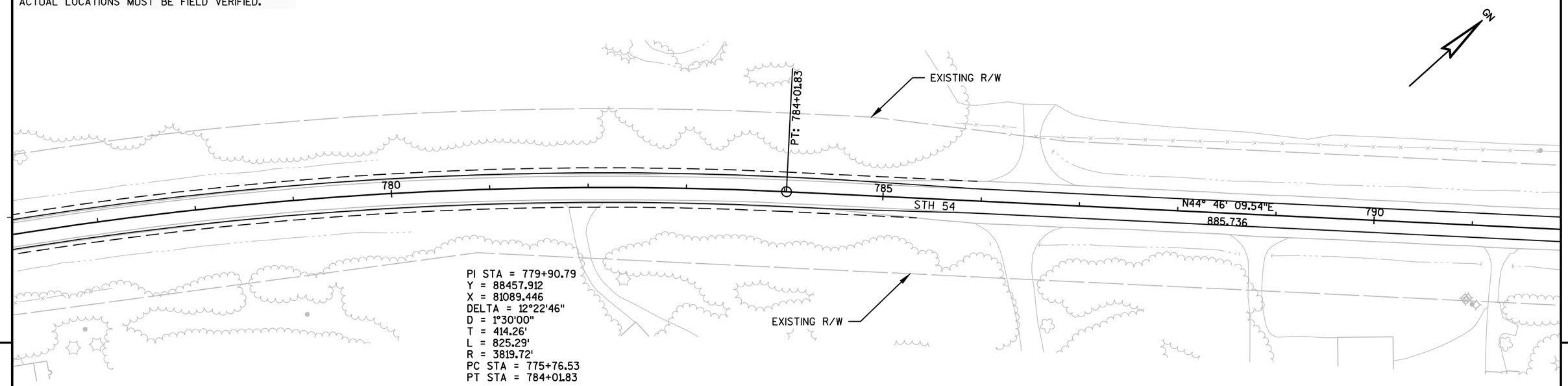
MGS GUARDRAIL 3
STA. 768+94.55 - STA. 769+07.05, 21.5' RT.

MGS GUARDRAIL TERMINAL EAT
POST #1 - STA. 769+60.18, 23.5' RT.

SALVAGED RAIL
STA. 768+55 - STA. 769+00, RT.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

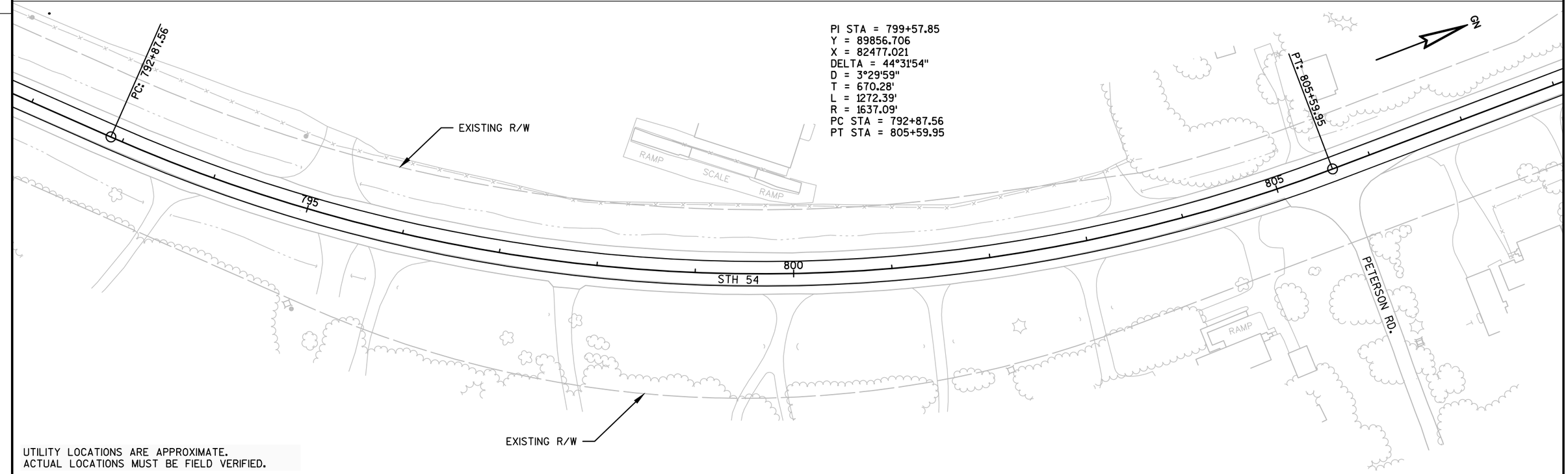
UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



PI STA = 779+90.79
Y = 88457.912
X = 81089.446
DELTA = 12°22'46"
D = 1°30'00"
T = 414.26'
L = 825.29'
R = 3819.72'
PC STA = 775+76.53
PT STA = 784+01.83

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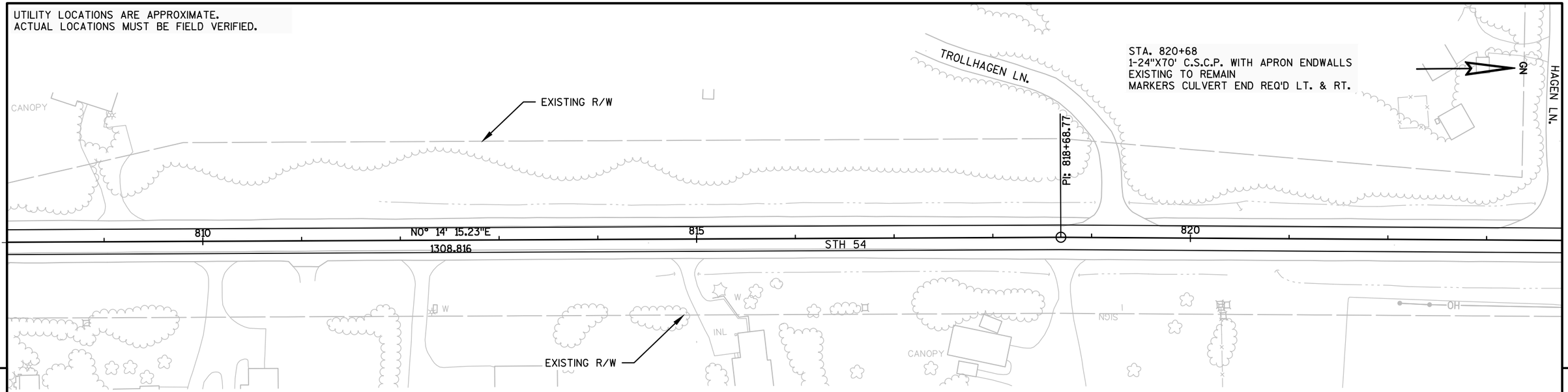
PI STA = 799+57.85
Y = 89856.706
X = 82477.021
DELTA = 44°31'54"
D = 3°29'59"
T = 670.28'
L = 1272.39'
R = 1637.09'
PC STA = 792+87.56
PT STA = 805+59.95

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500130\SHEETSPLAN\050120_PP.DWG PLOT DATE : 8/25/2016 7:04 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : **********

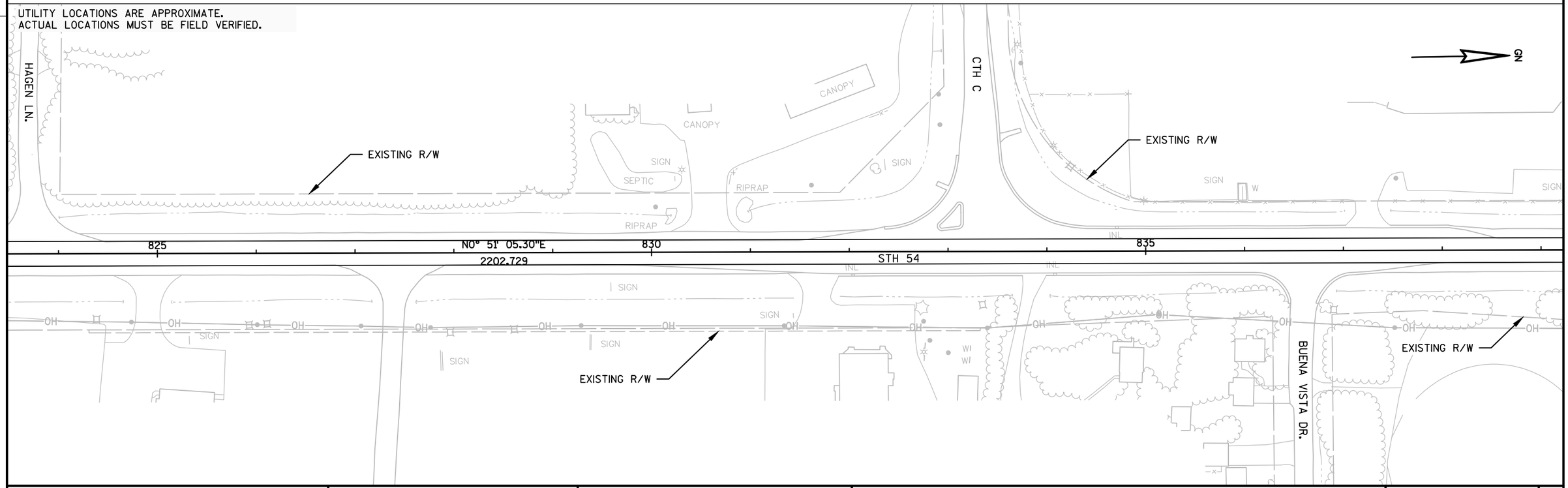
UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



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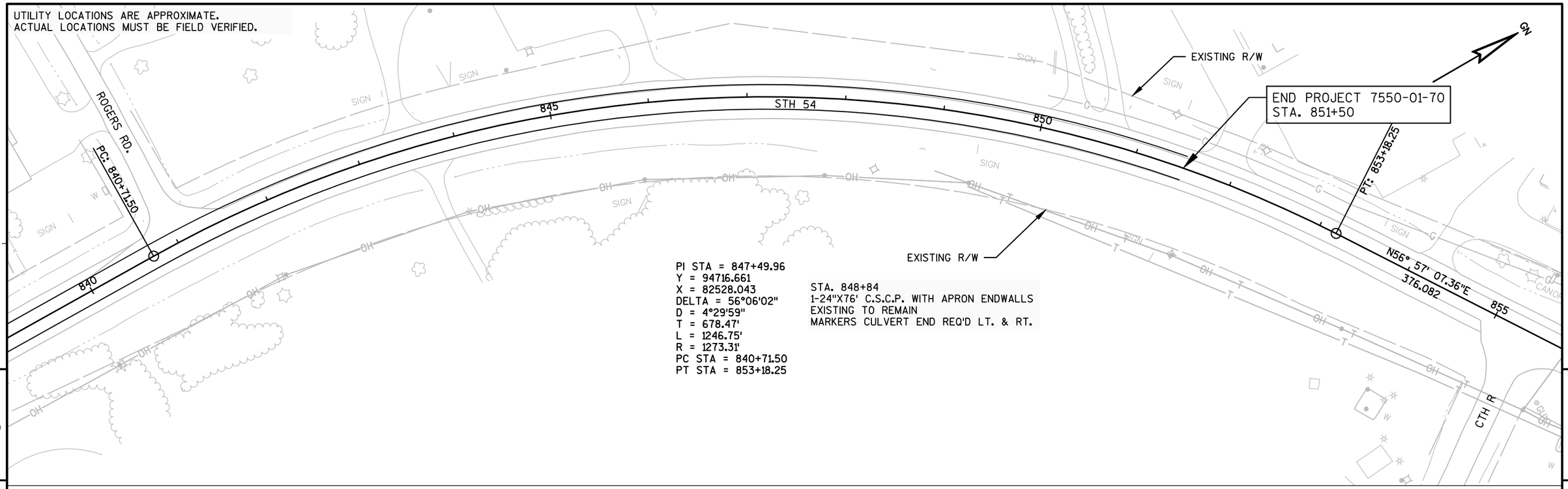
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UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



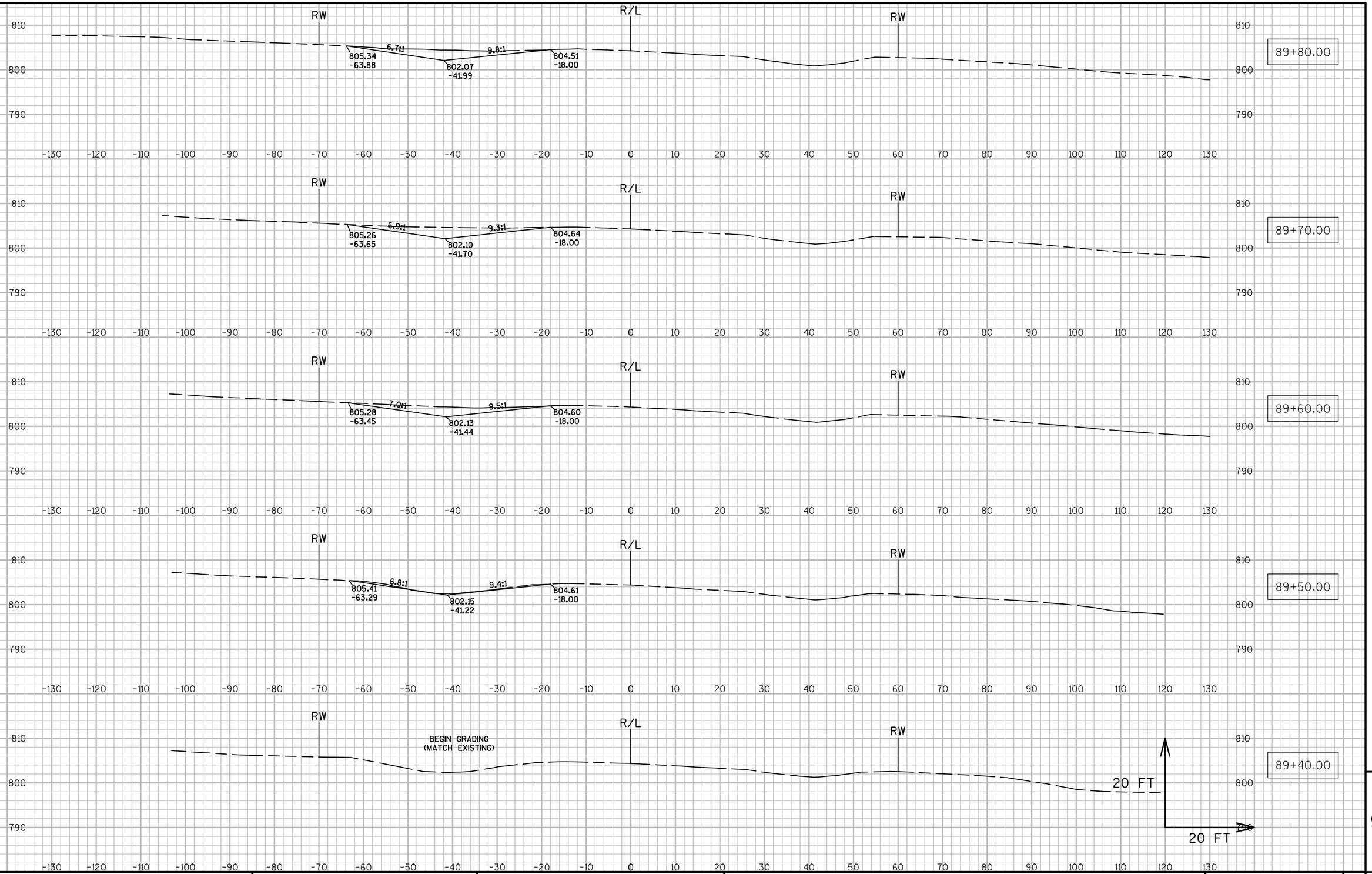
PI STA = 847+49.96
Y = 94716.661
X = 82528.043
DELTA = 56°06'02"
D = 4°29'59"
T = 678.47'
L = 1246.75'
R = 1273.31'
PC STA = 840+71.50
PT STA = 853+18.25

STA. 848+84
1-24"X76' C.S.C.P. WITH APRON ENDWALLS
EXISTING TO REMAIN
MARKERS CULVERT END REQ'D LT. & RT.

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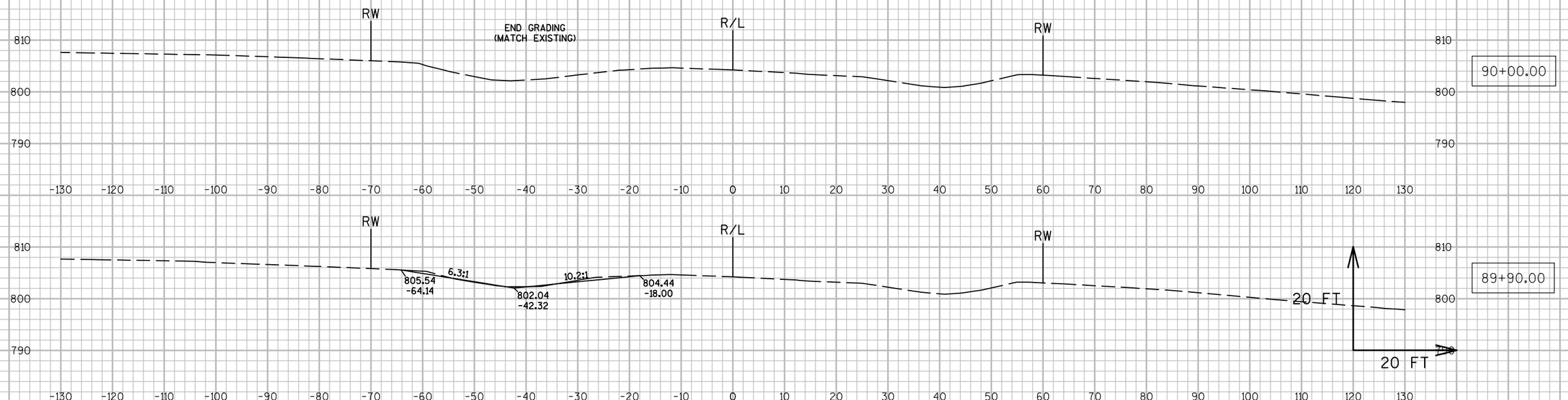
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E

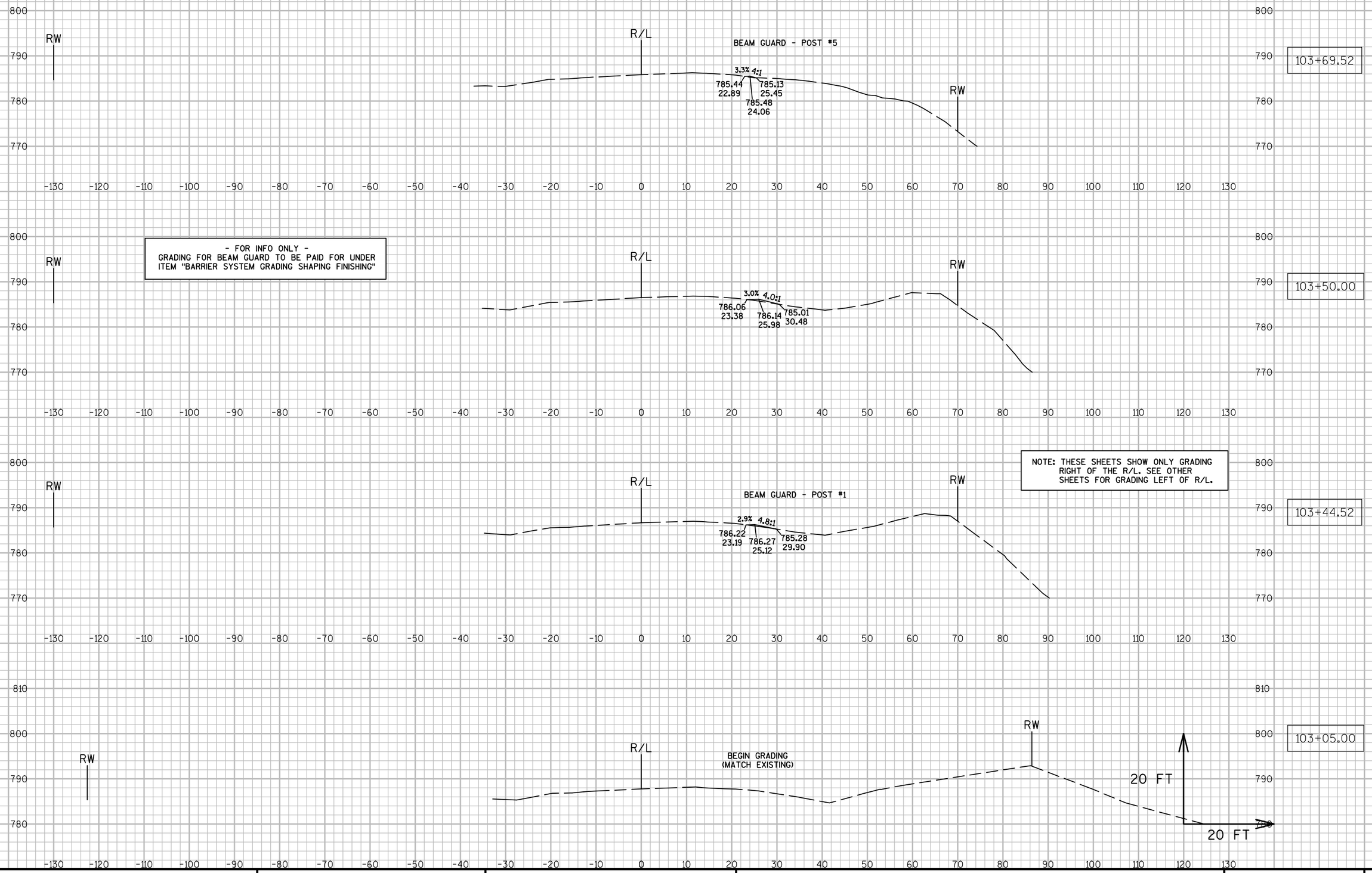


PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 89+70, LT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090207_XS.DWG PLOT DATE : 3/28/2016 2:10 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 89+70, LT.)	SHEET	E

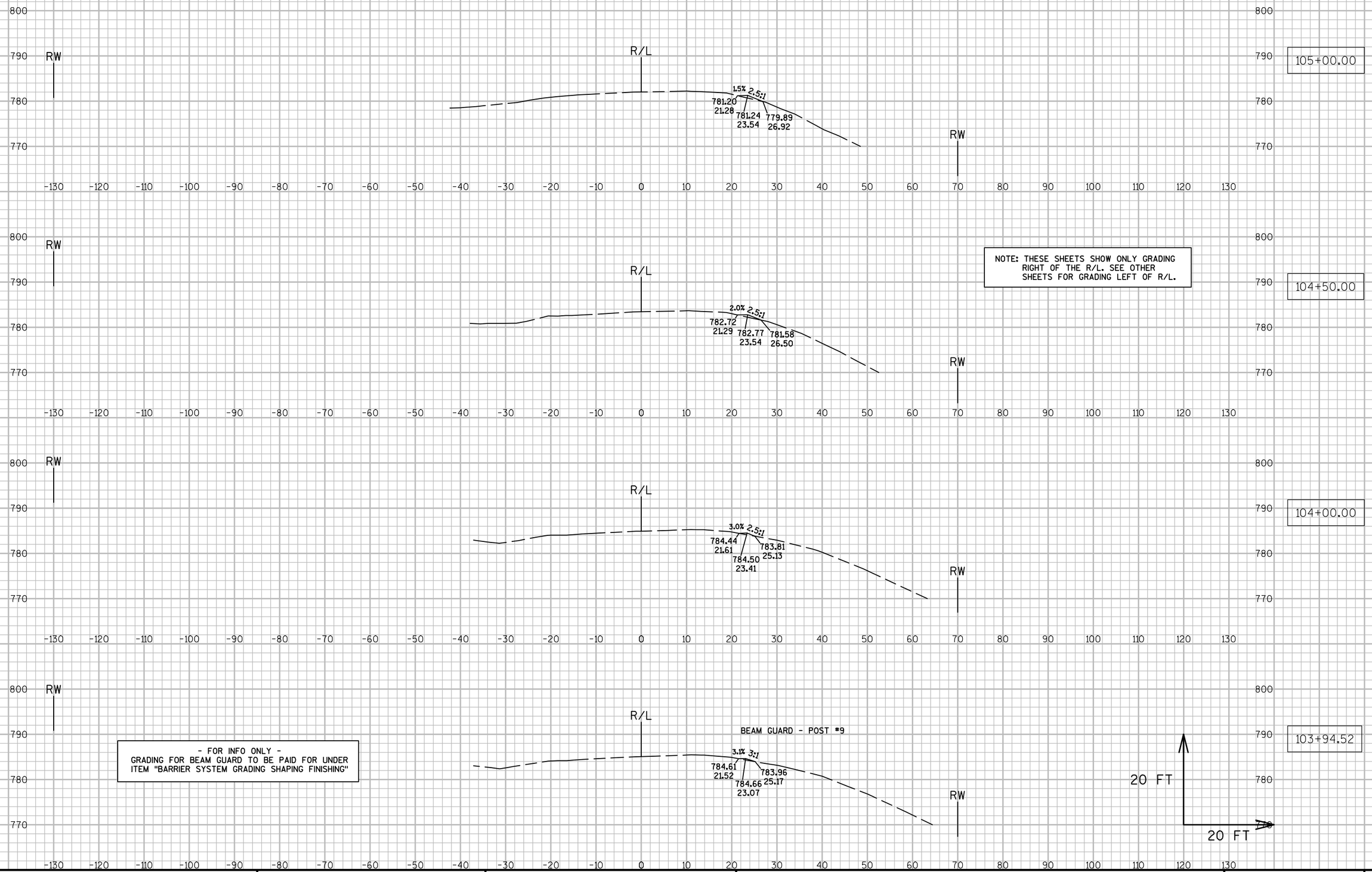


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090210_XS.DWG PLOT DATE : 3/28/2016 2:16 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



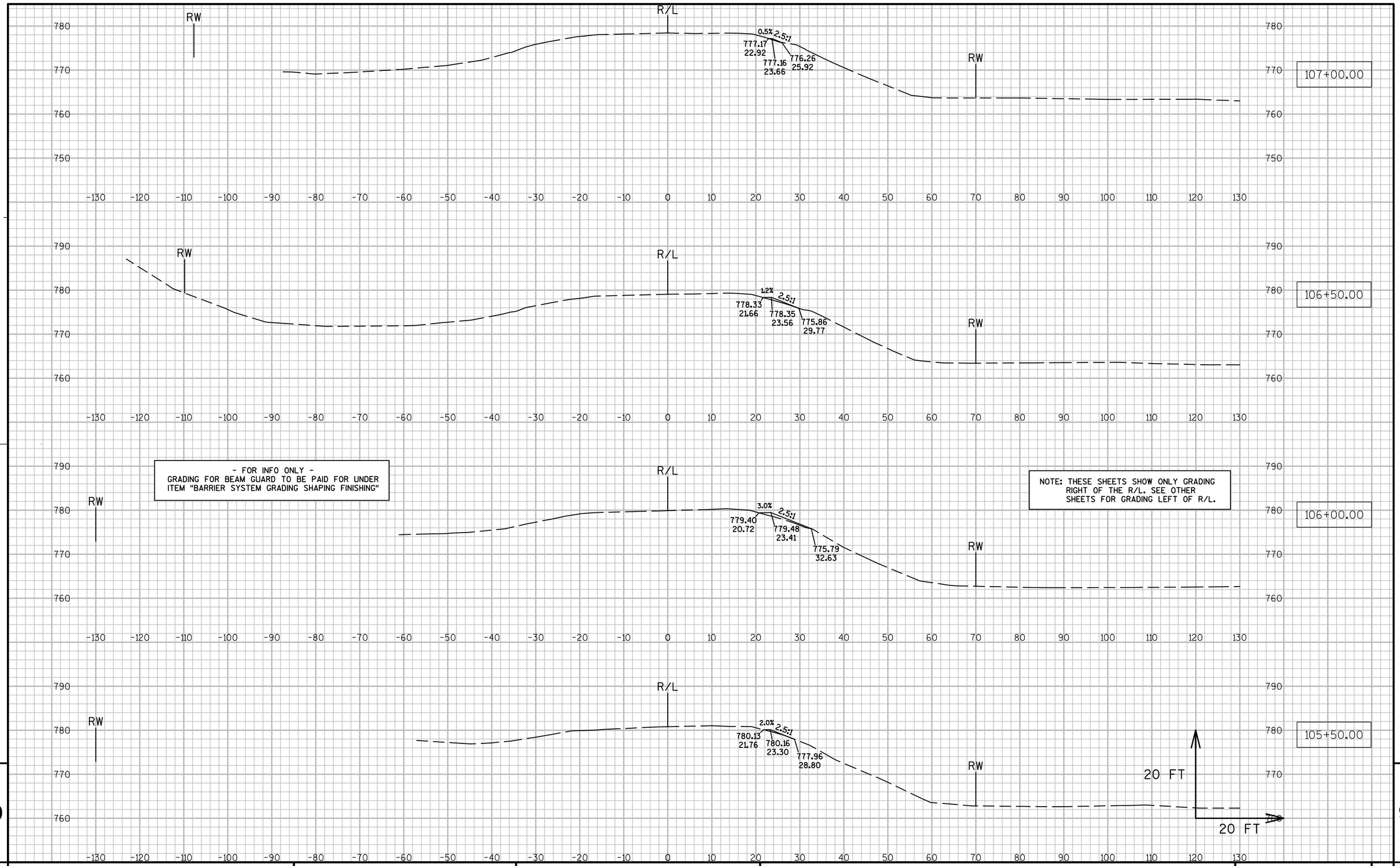
NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

9

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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

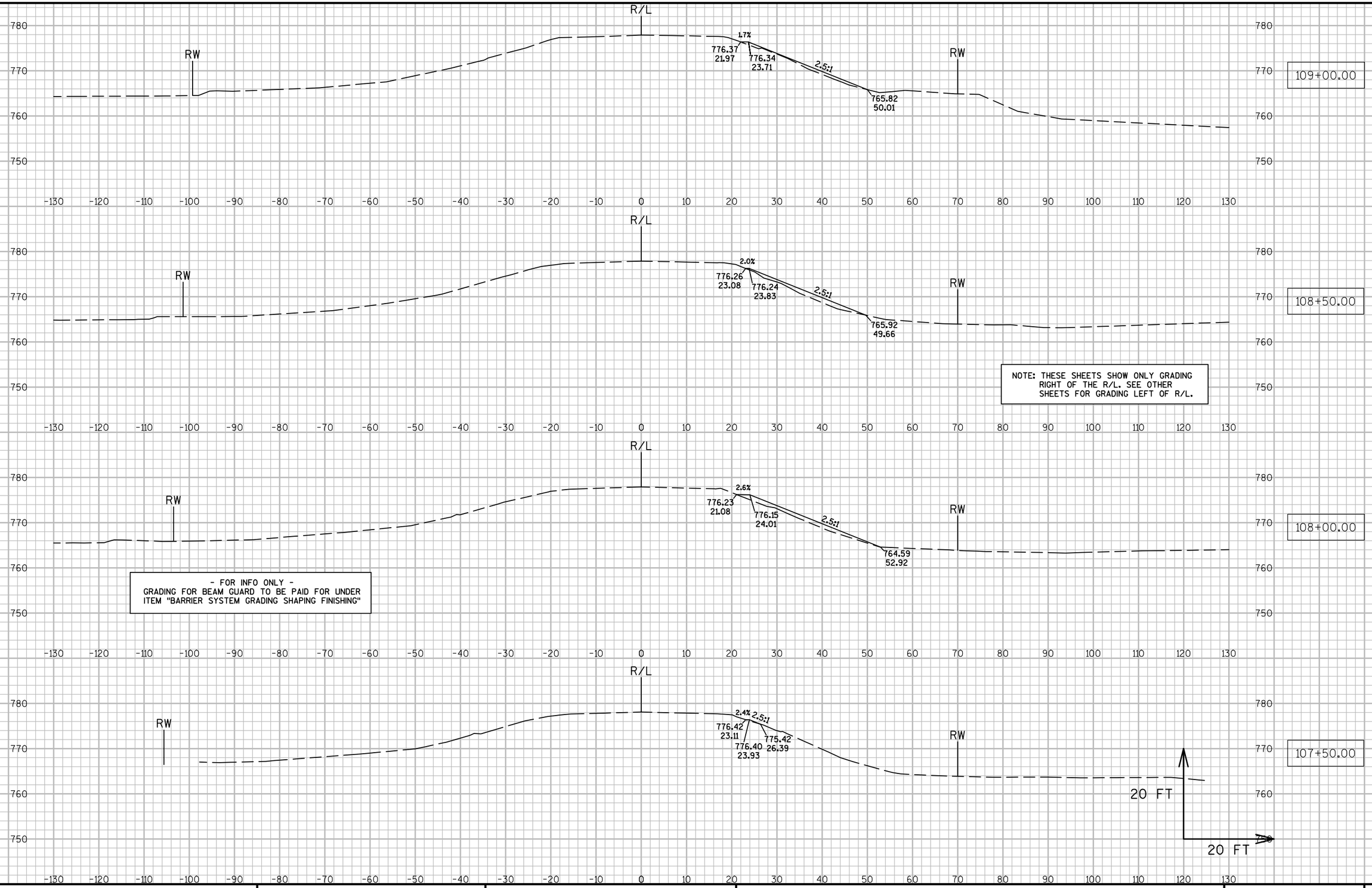


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090210_XS.DWG PLOT DATE : 3/28/2016 2:20 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



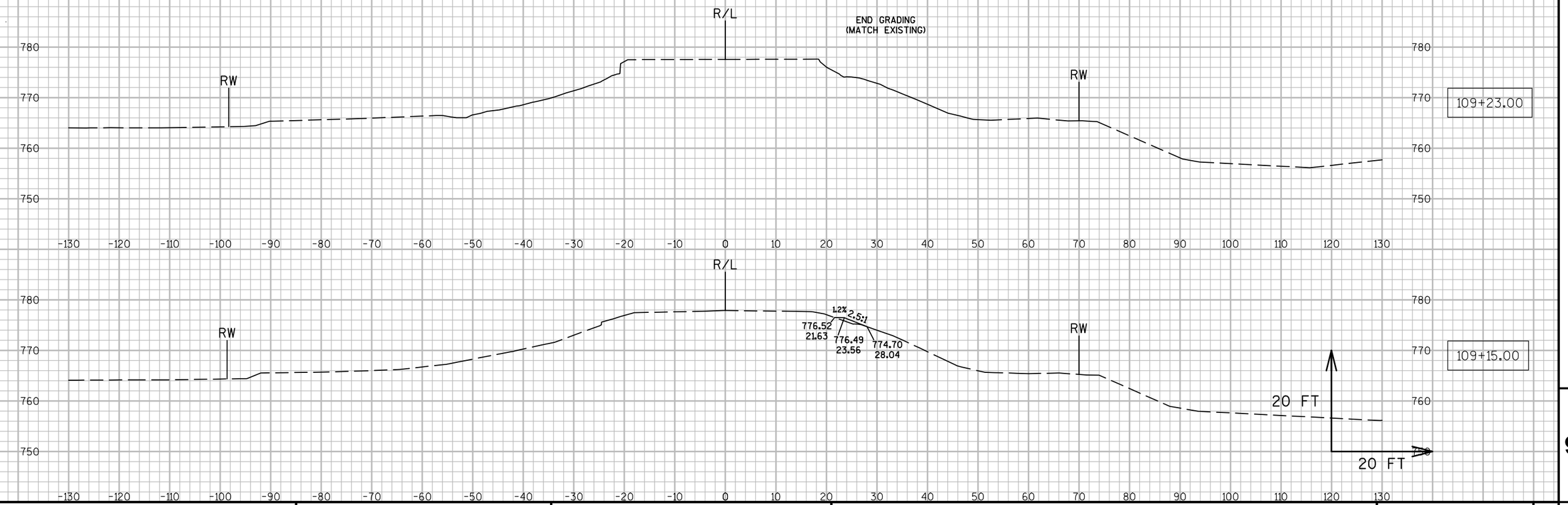
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.

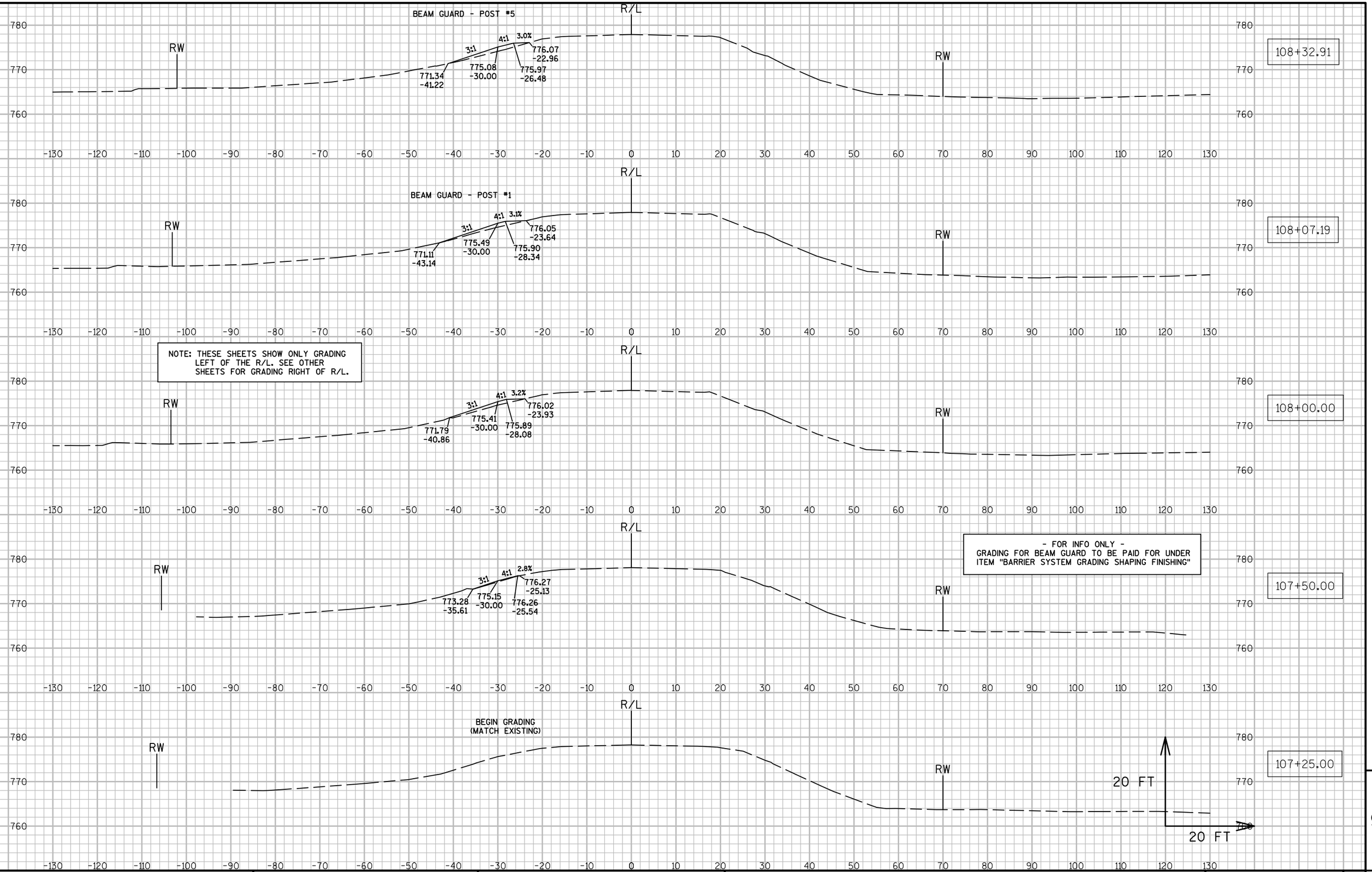


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090210_XS.DWG PLOT DATE : 3/28/2016 2:22 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

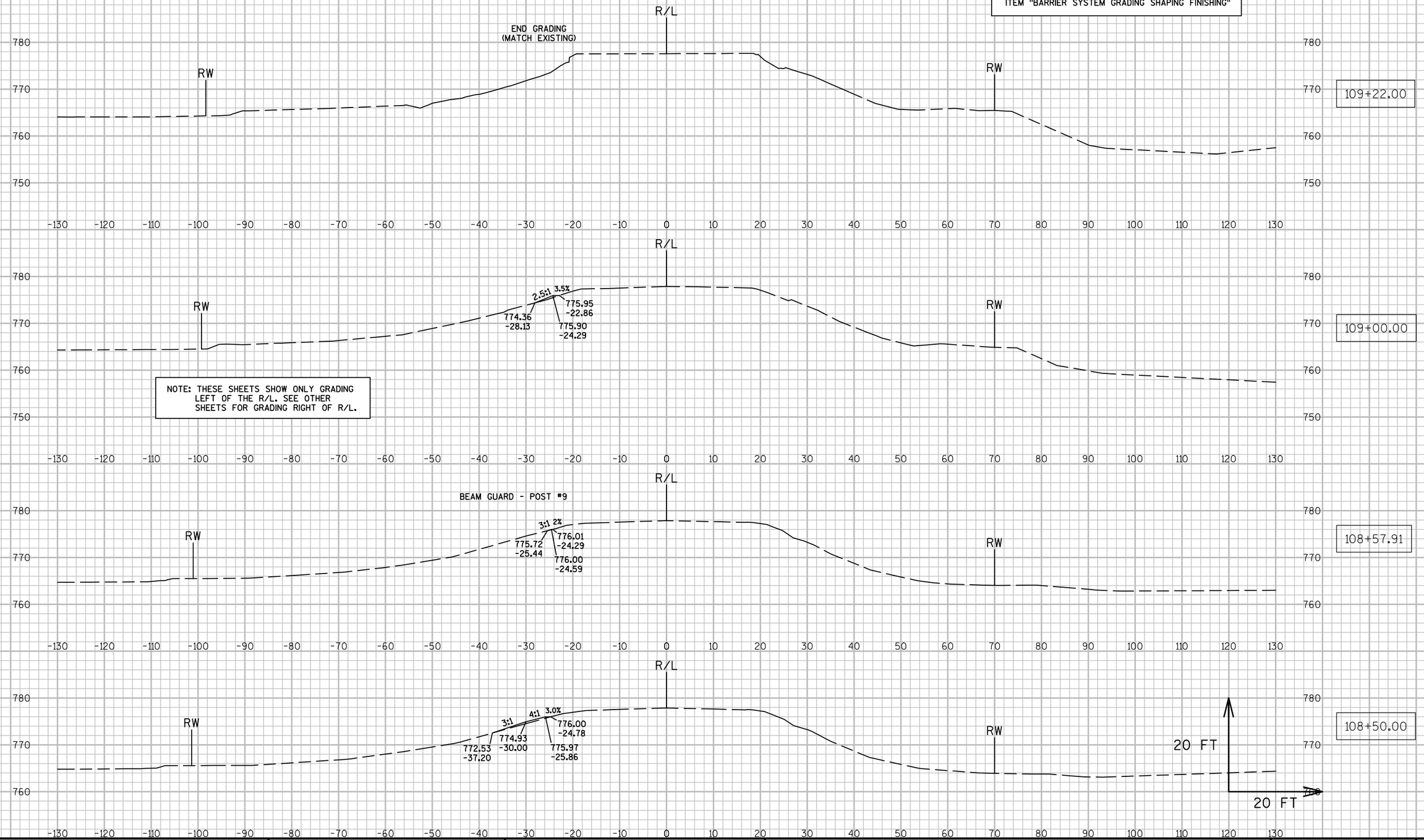


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

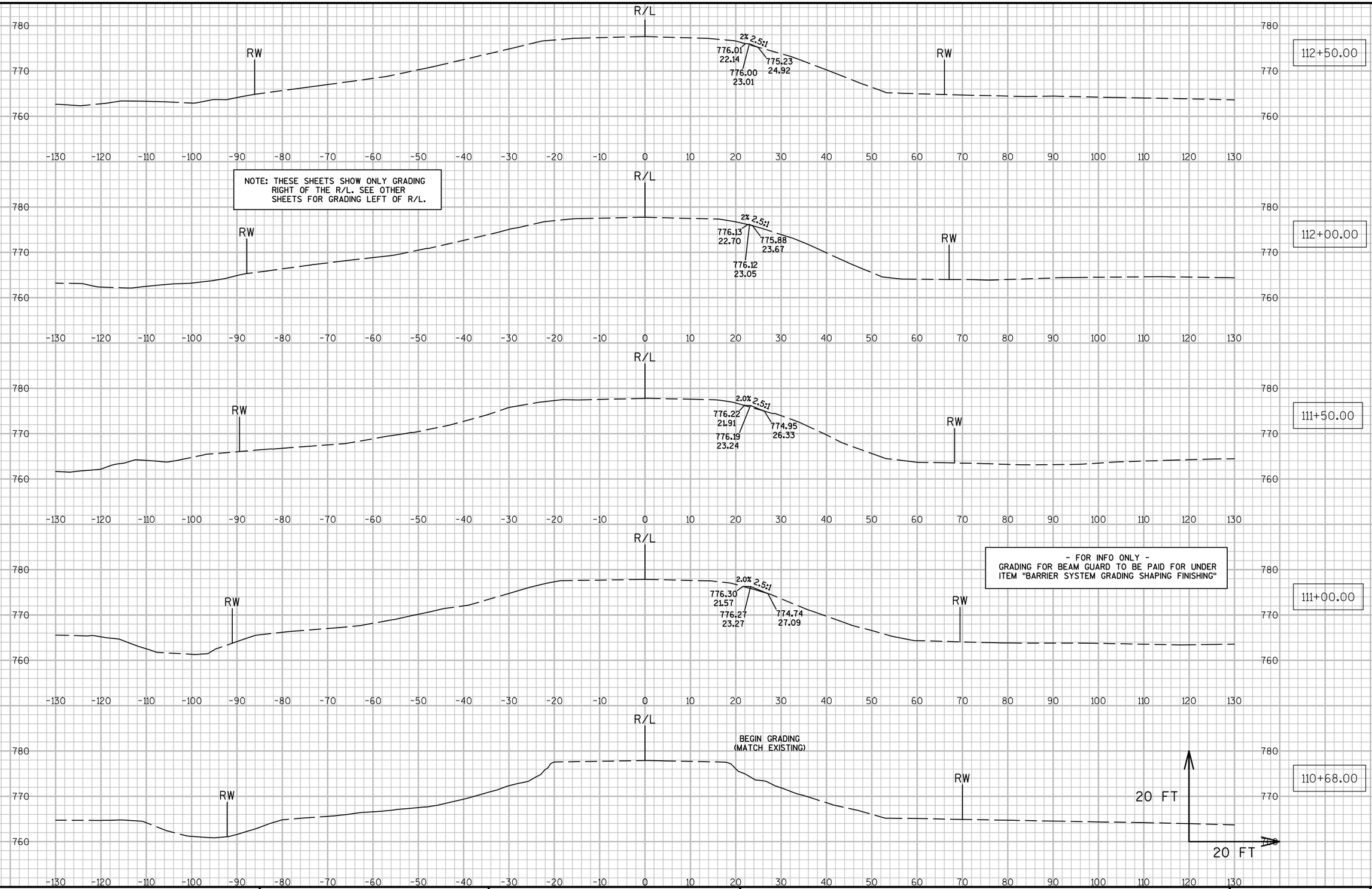


NOTE: THESE SHEETS SHOW ONLY GRADING LEFT OF THE R/L. SEE OTHER SHEETS FOR GRADING RIGHT OF R/L.

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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

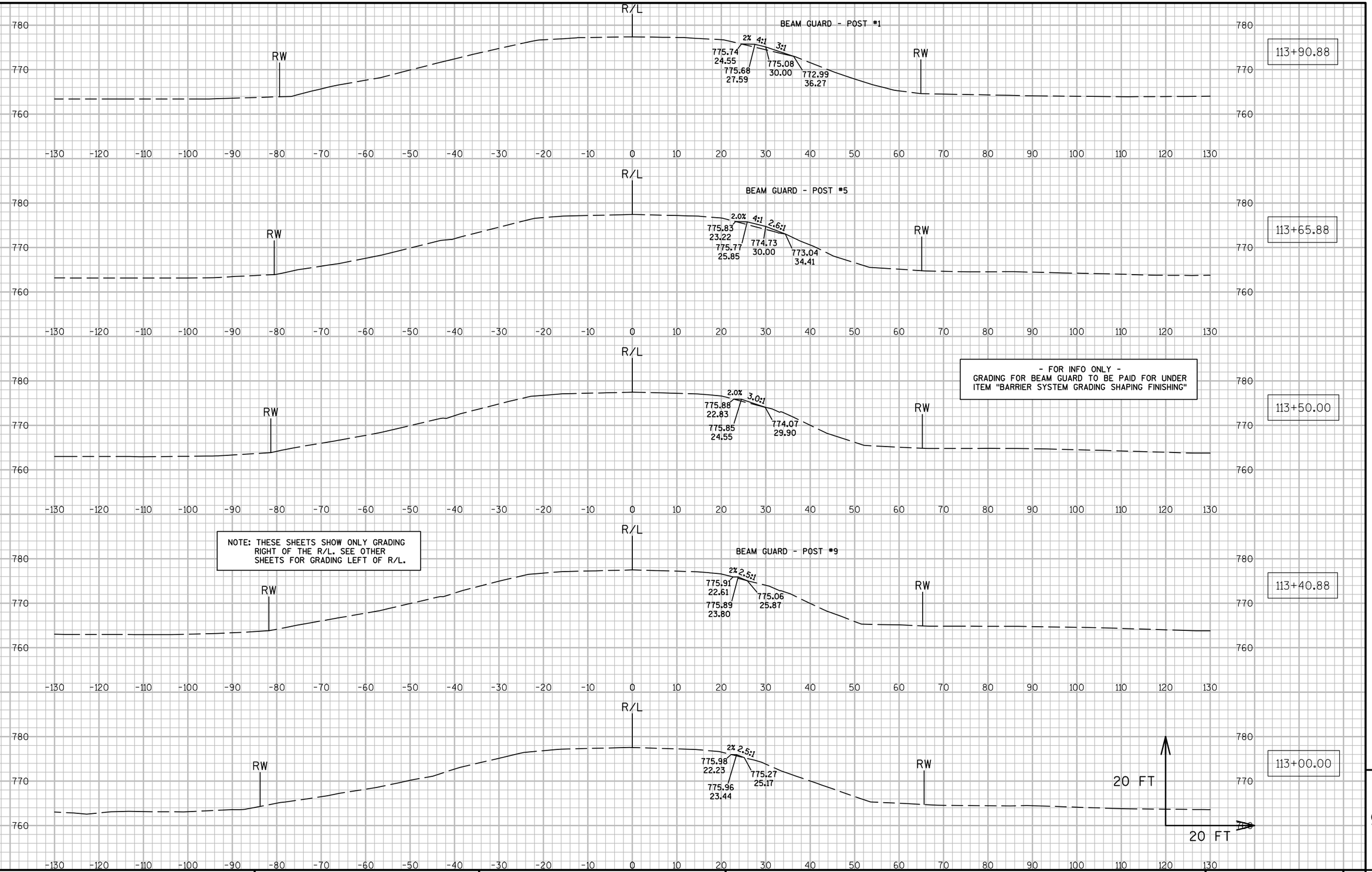


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090212_XS.DWG PLOT DATE : 3/28/2016 2:26 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



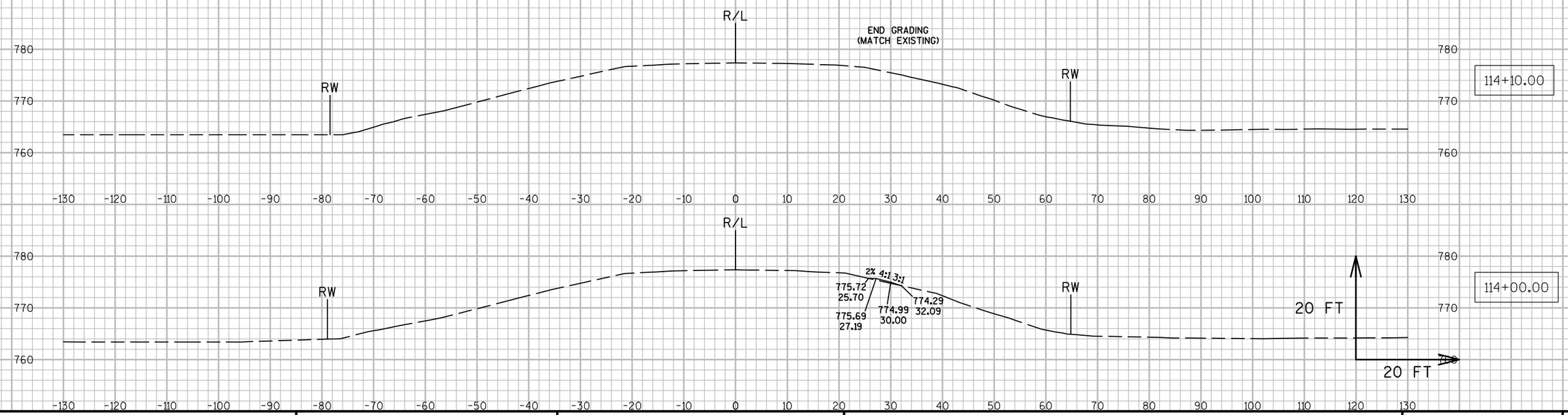
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

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NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



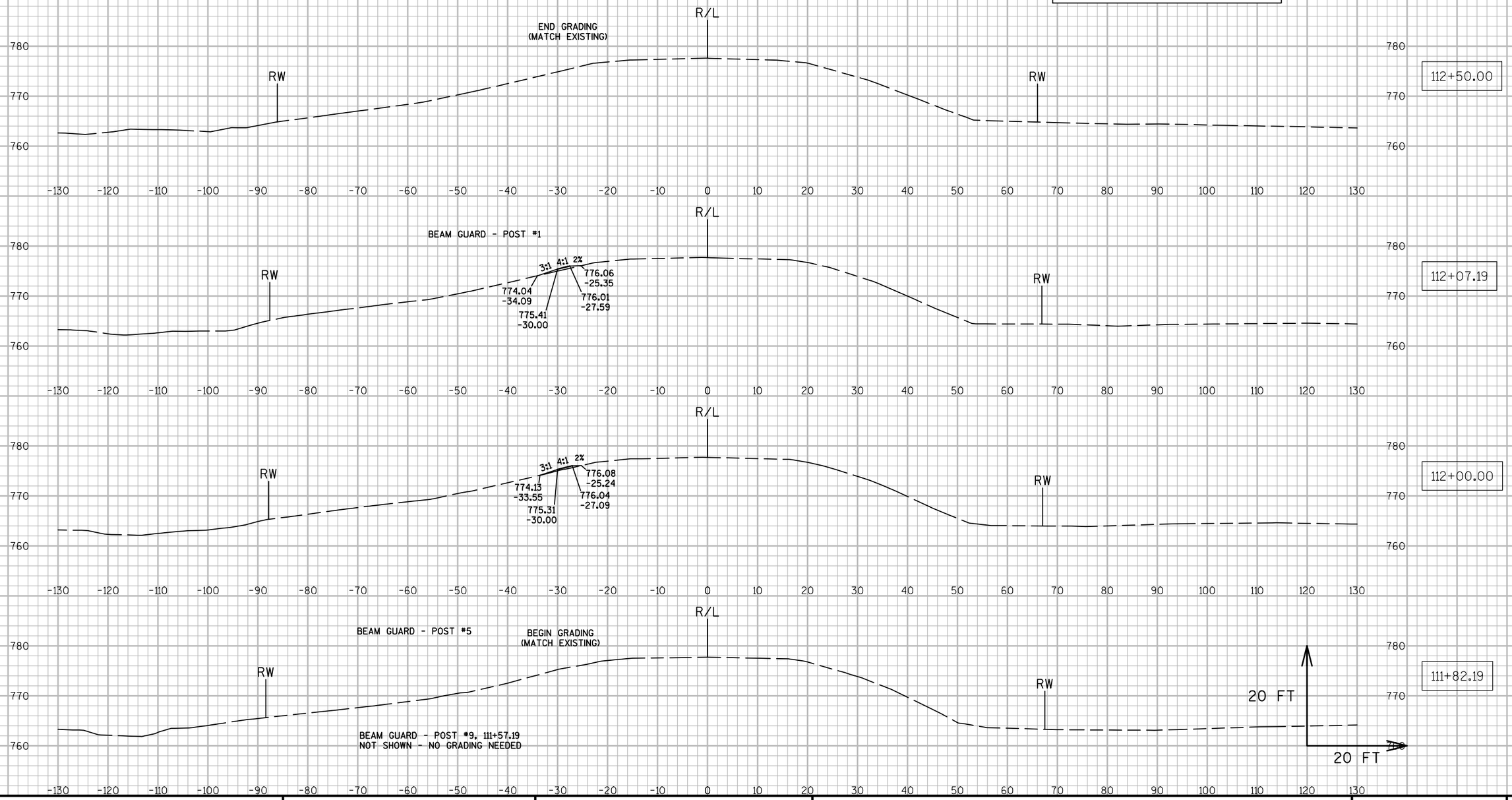
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

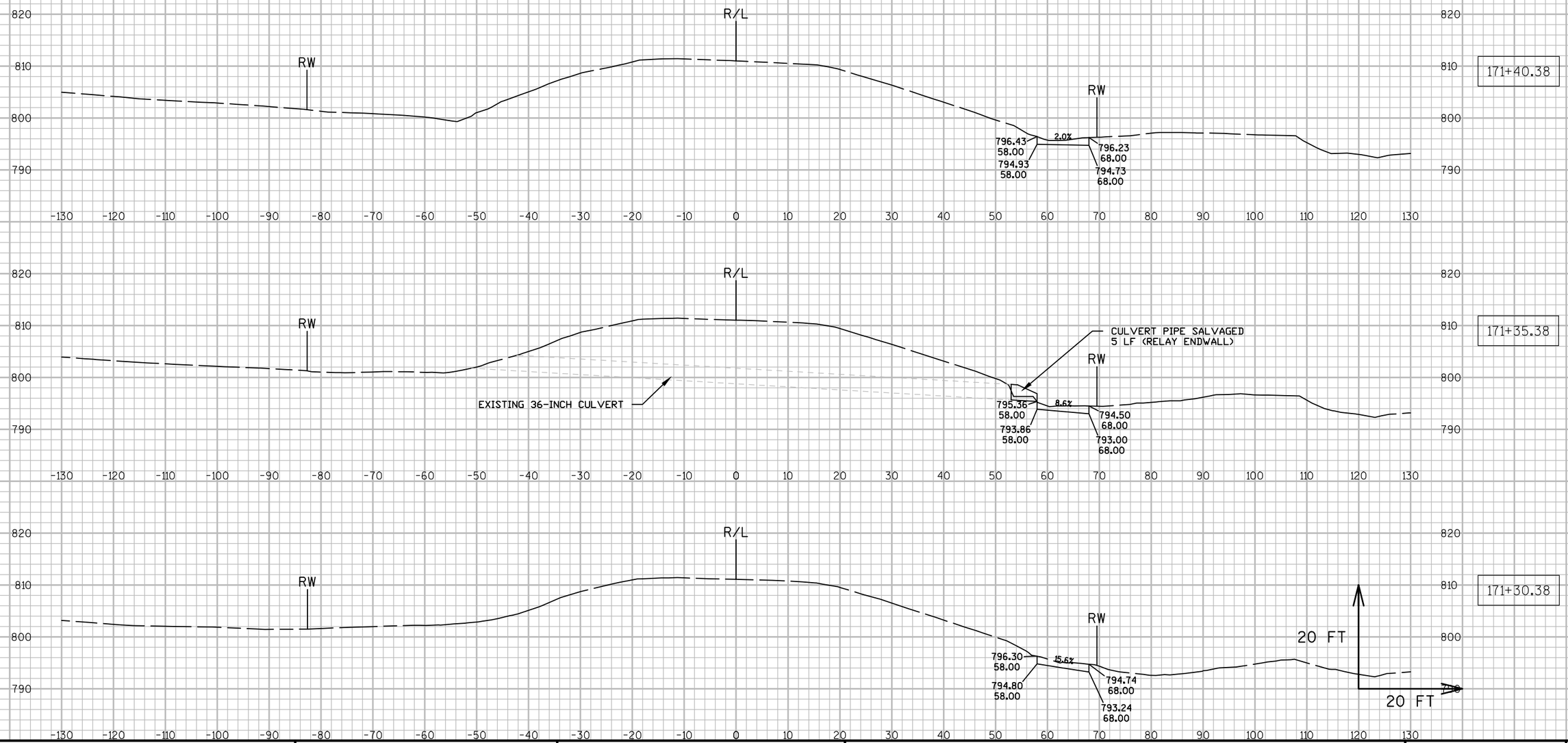
NOTE: THESE SHEETS SHOW ONLY GRADING LEFT OF THE R/L. SEE OTHER SHEETS FOR GRADING RIGHT OF R/L.



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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

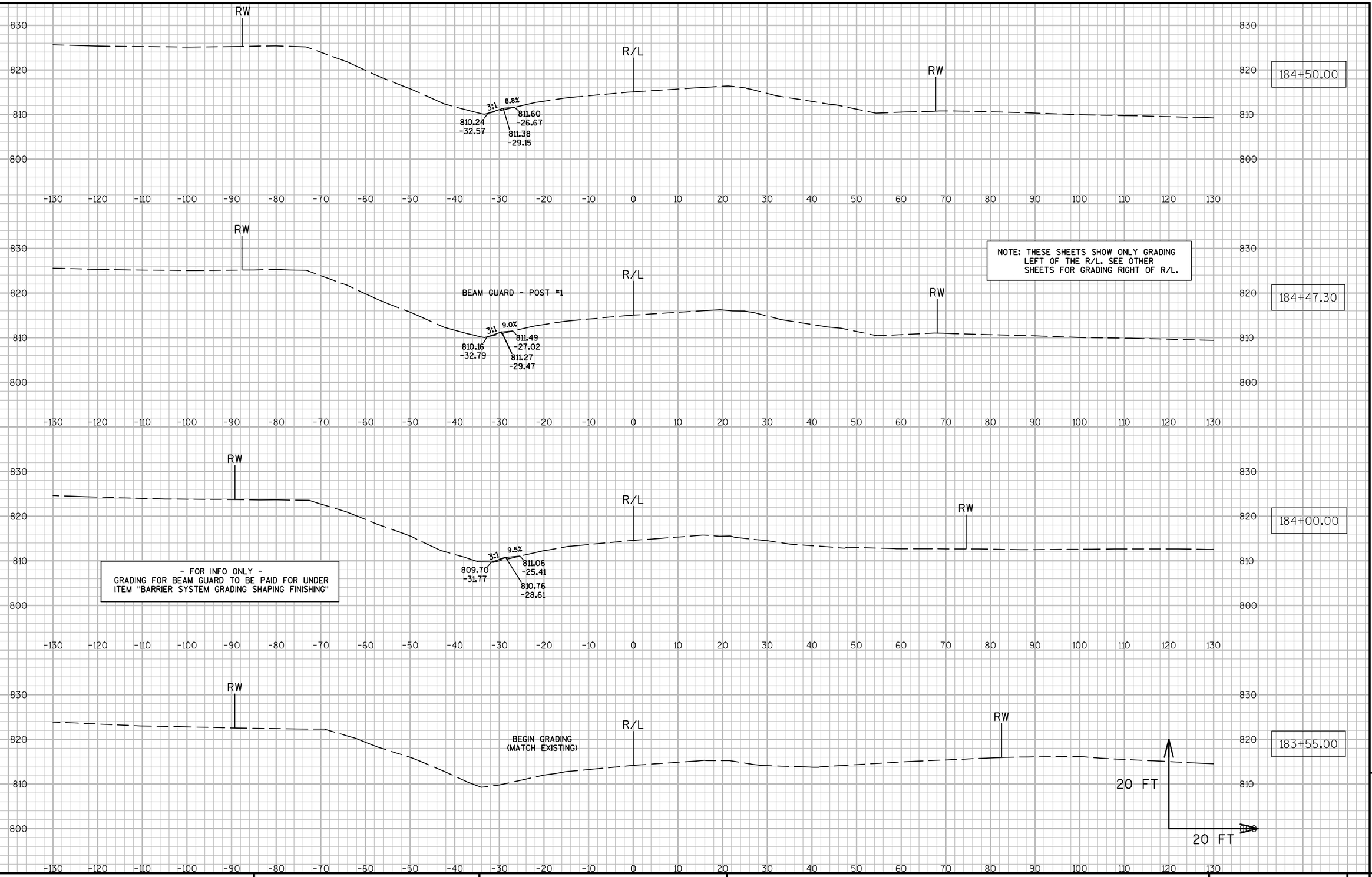


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (CULVERT GRADING - RT.)	SHEET	E

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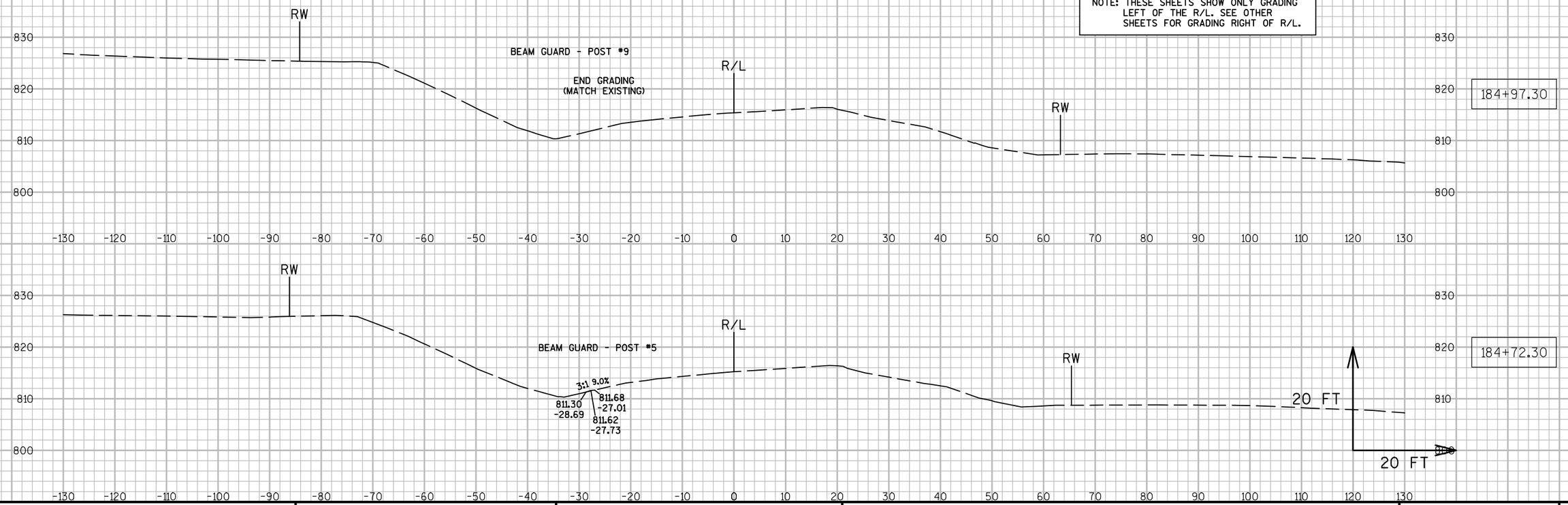
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

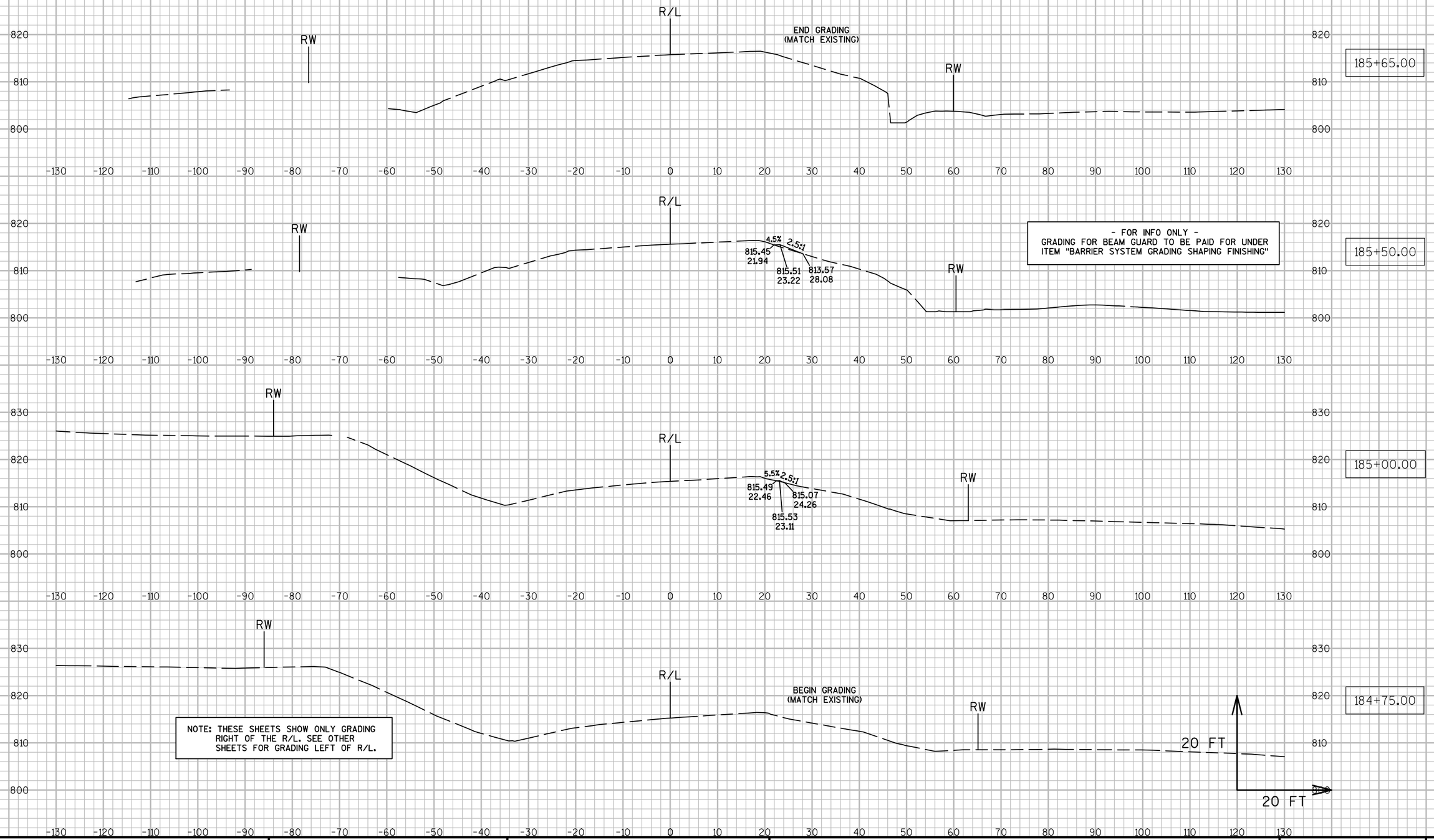
NOTE: THESE SHEETS SHOW ONLY GRADING LEFT OF THE R/L. SEE OTHER SHEETS FOR GRADING RIGHT OF R/L.



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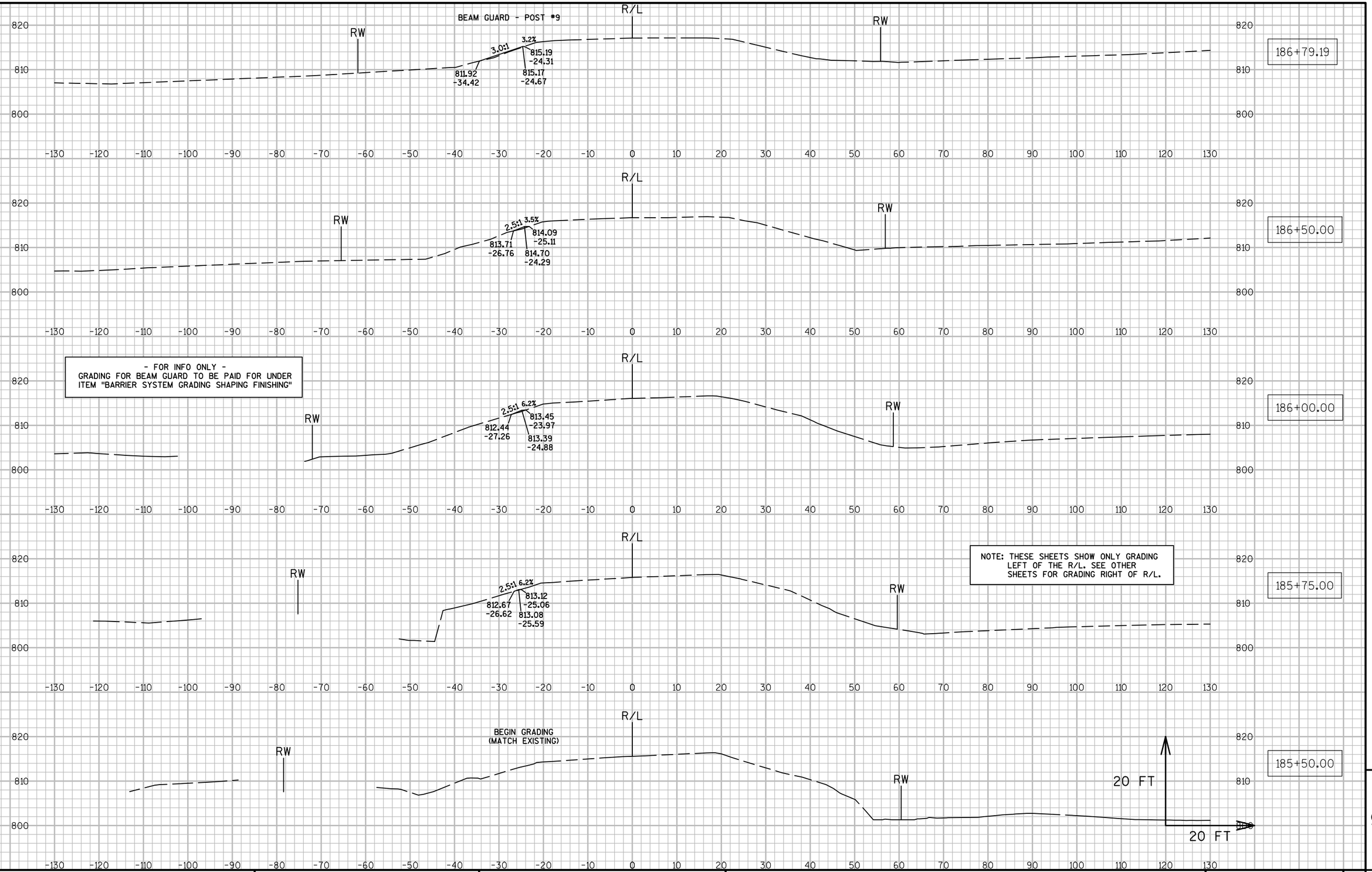
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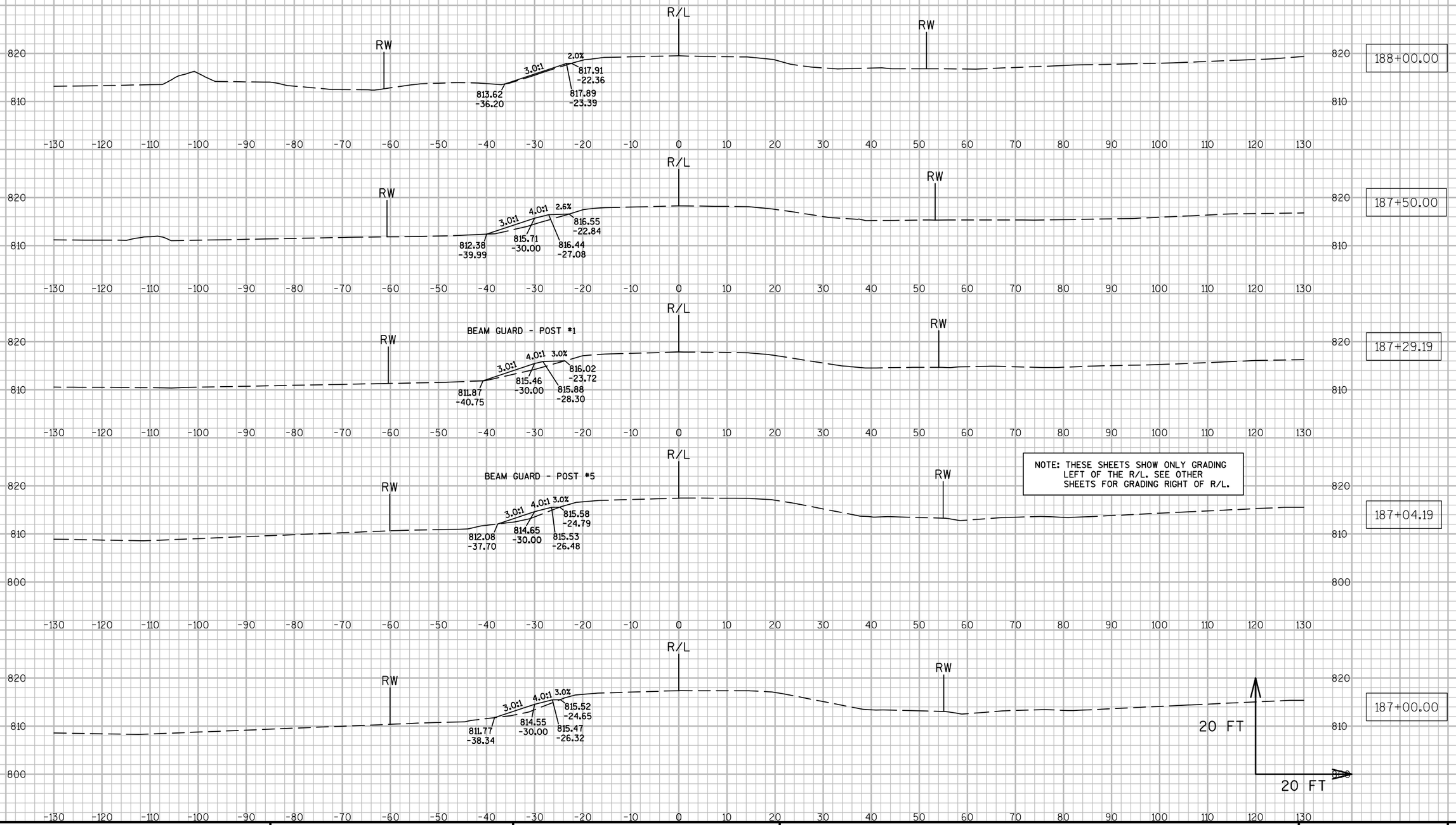


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



NOTE: THESE SHEETS SHOW ONLY GRADING LEFT OF THE R/L. SEE OTHER SHEETS FOR GRADING RIGHT OF R/L.

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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

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- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

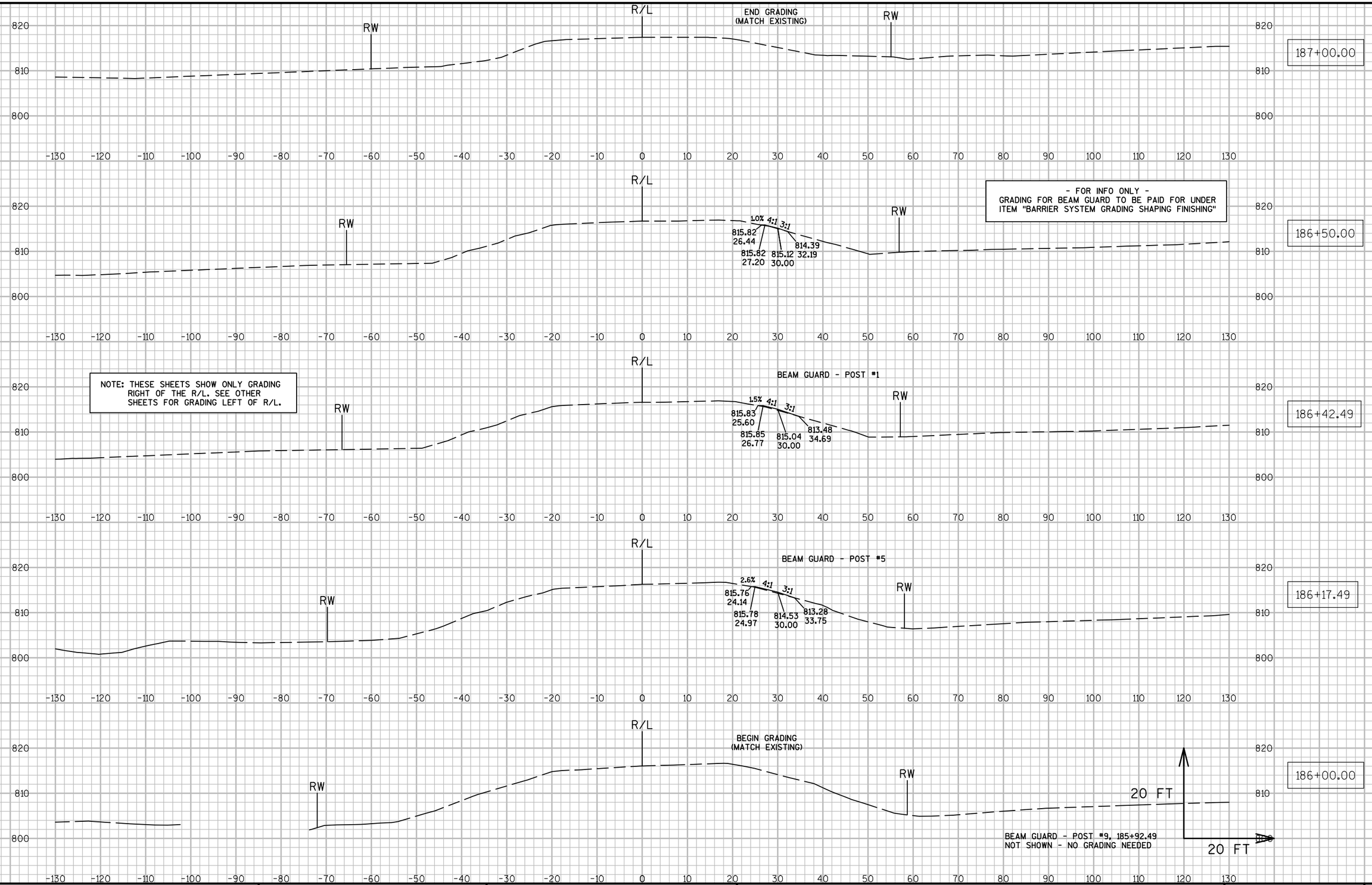
NOTE: THESE SHEETS SHOW ONLY GRADING LEFT OF THE R/L. SEE OTHER SHEETS FOR GRADING RIGHT OF R/L.



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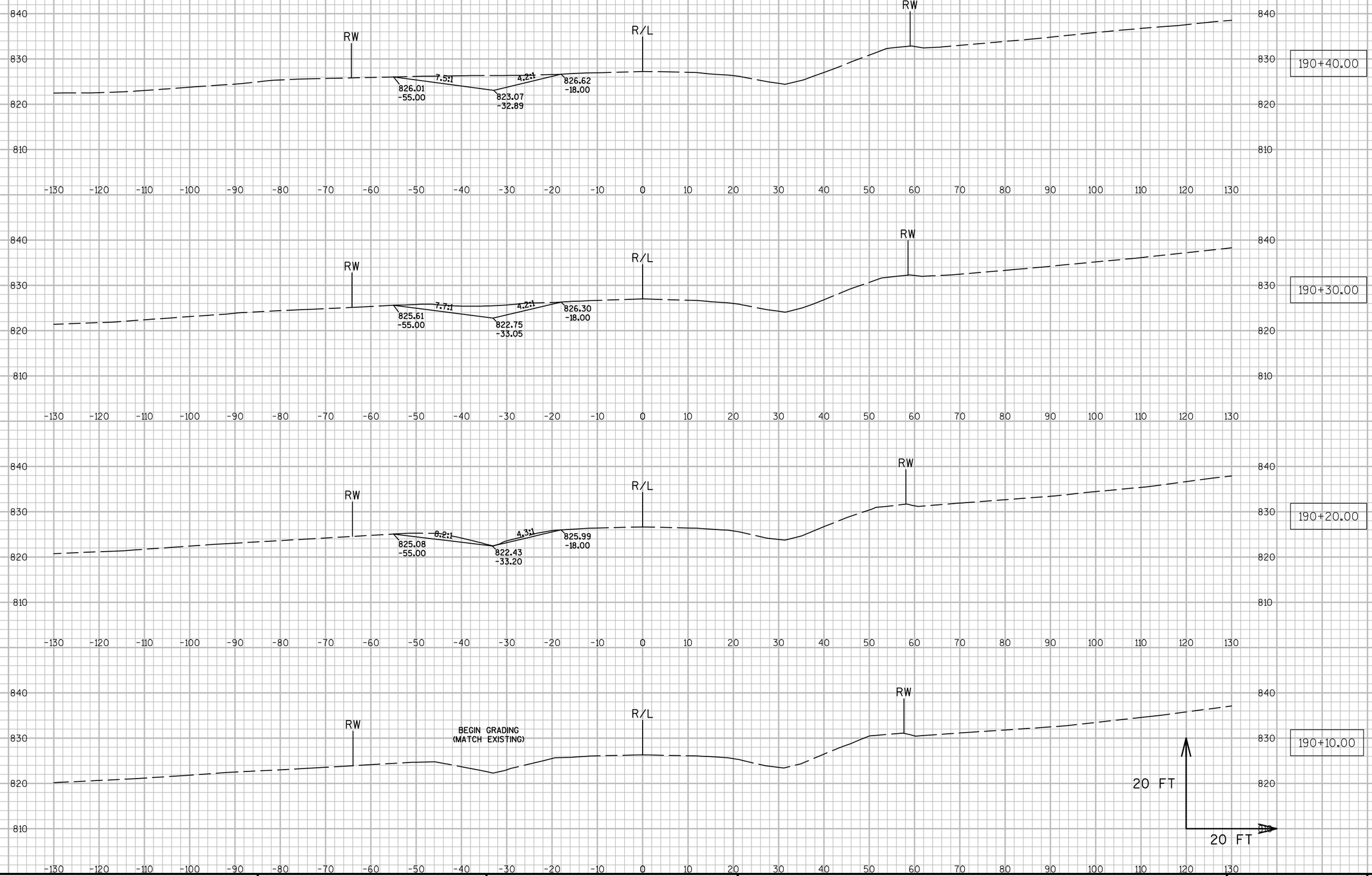
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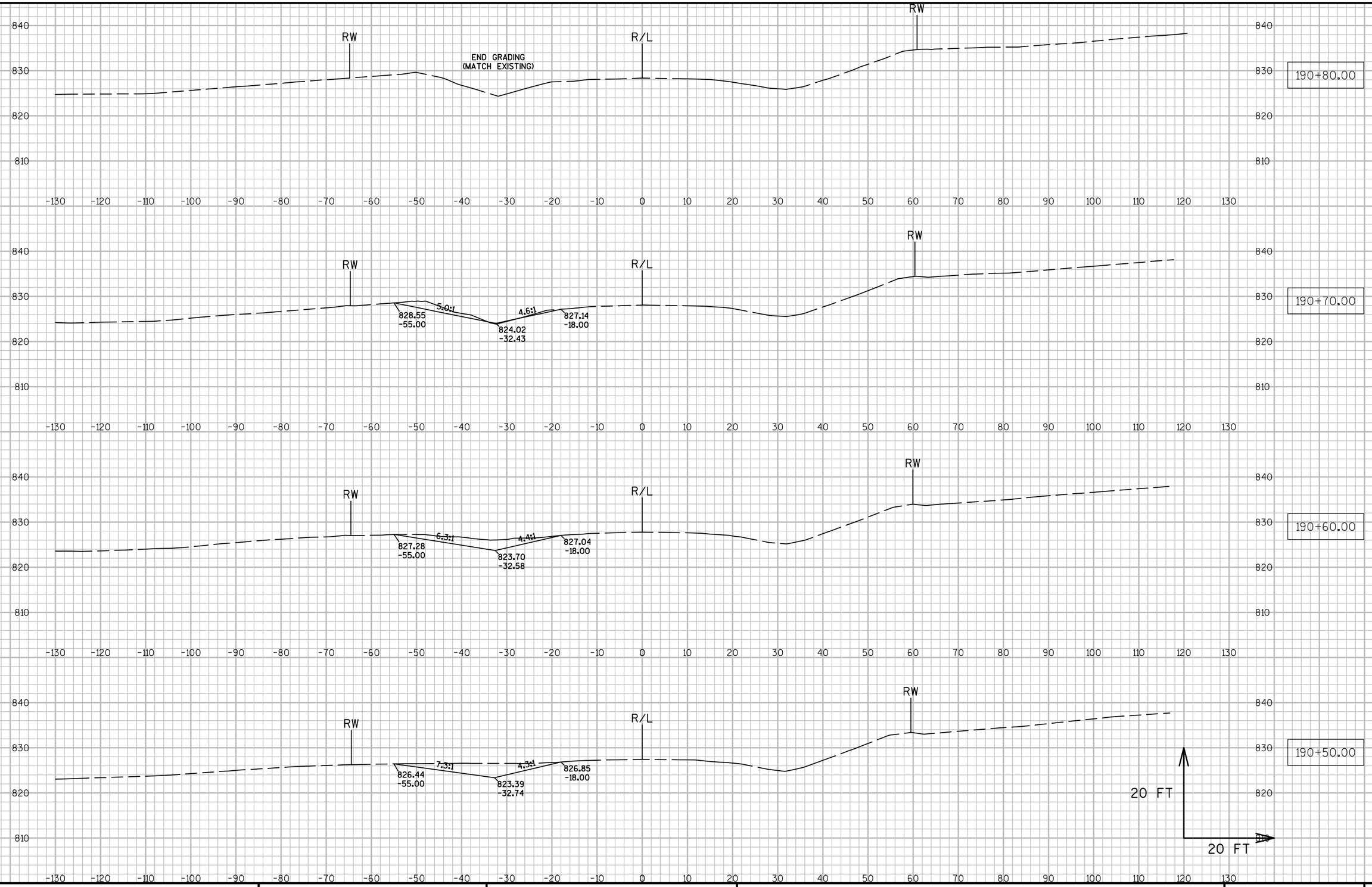
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E



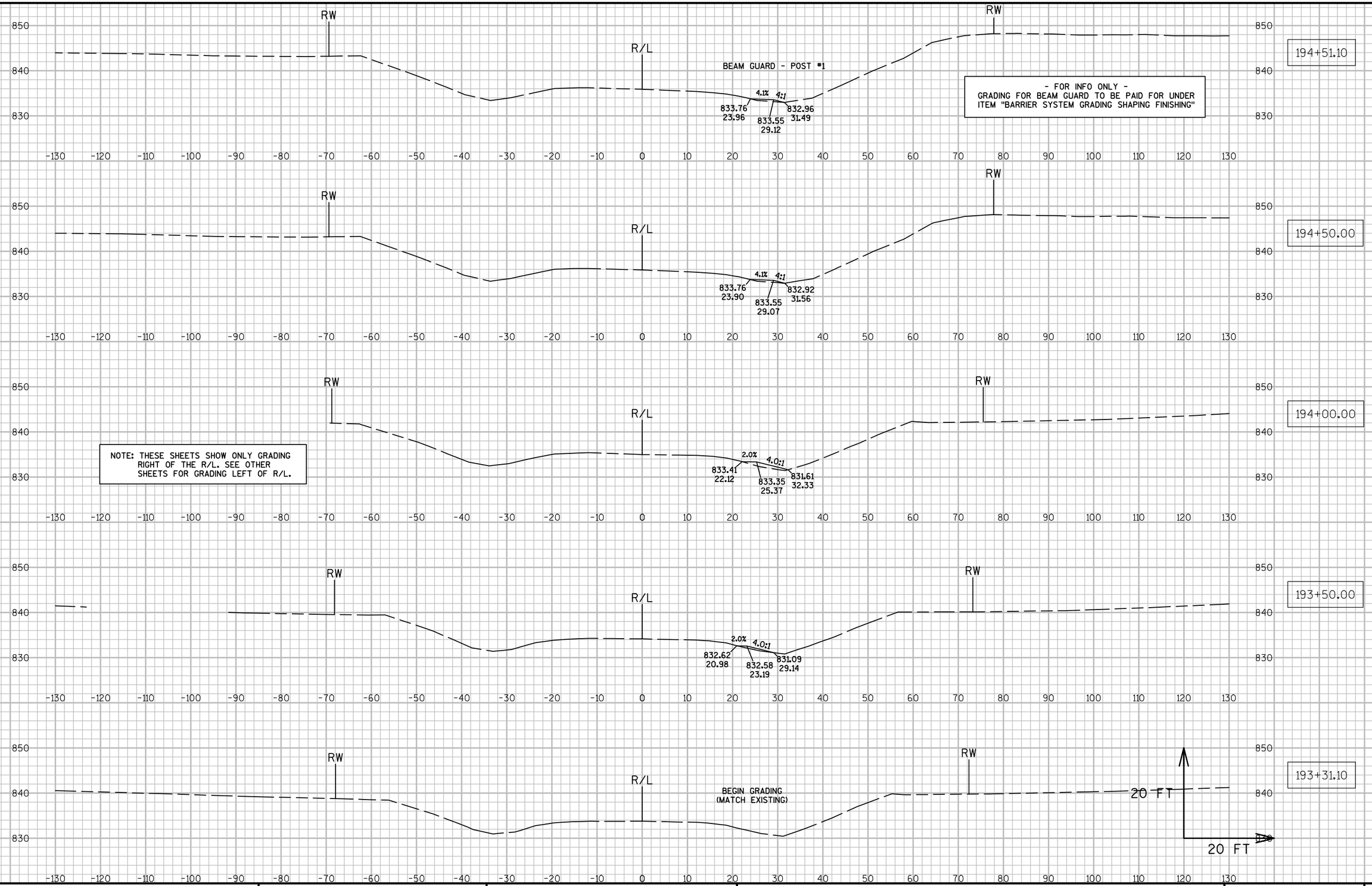
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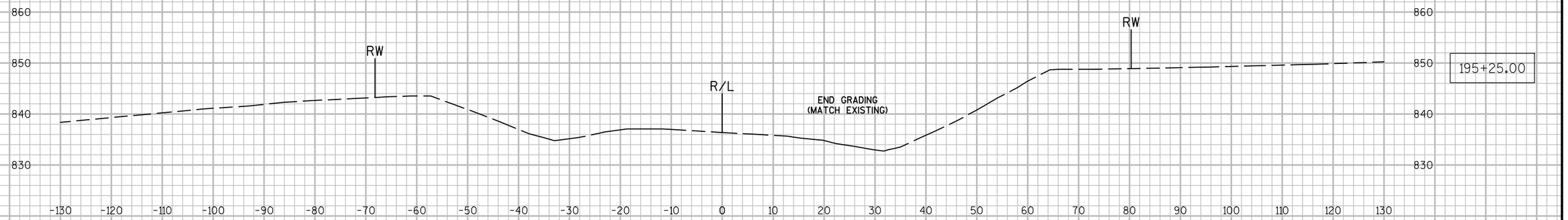
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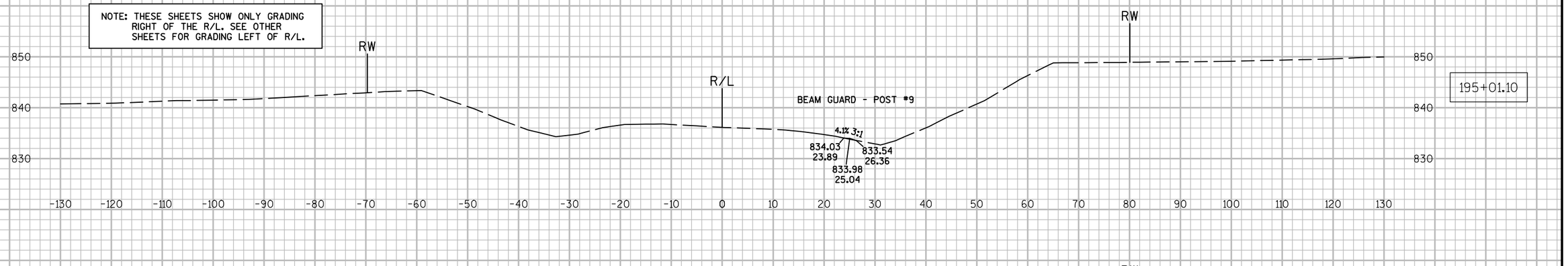


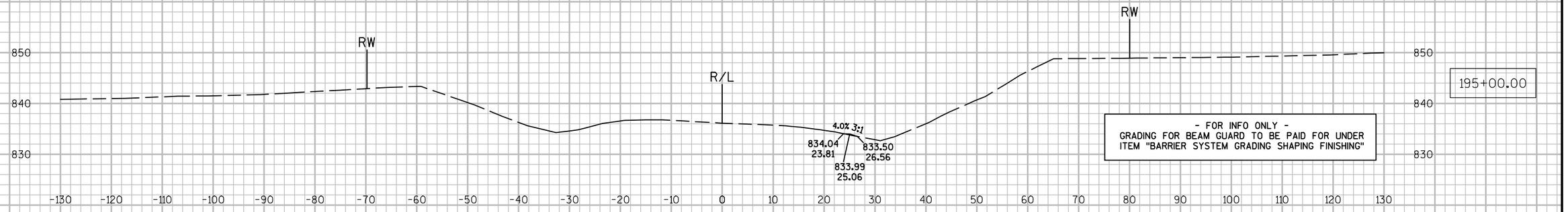
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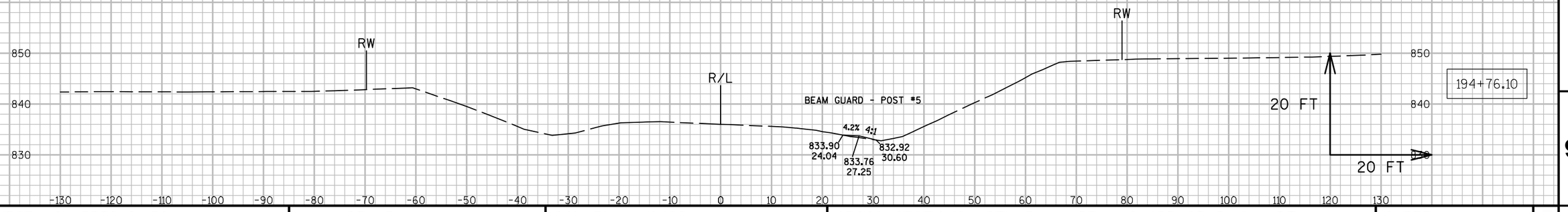
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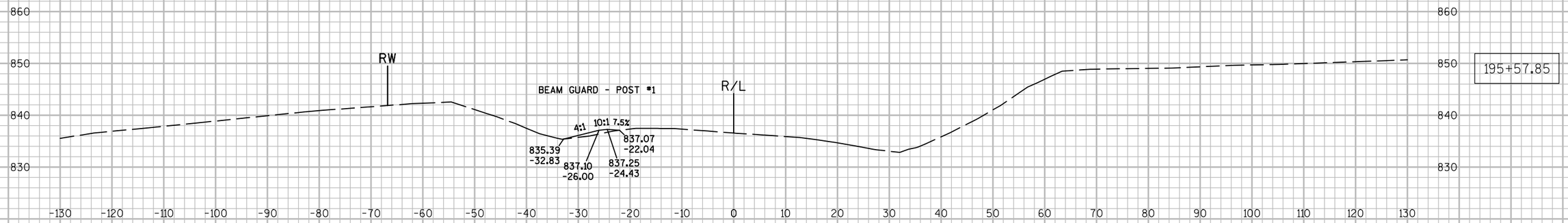




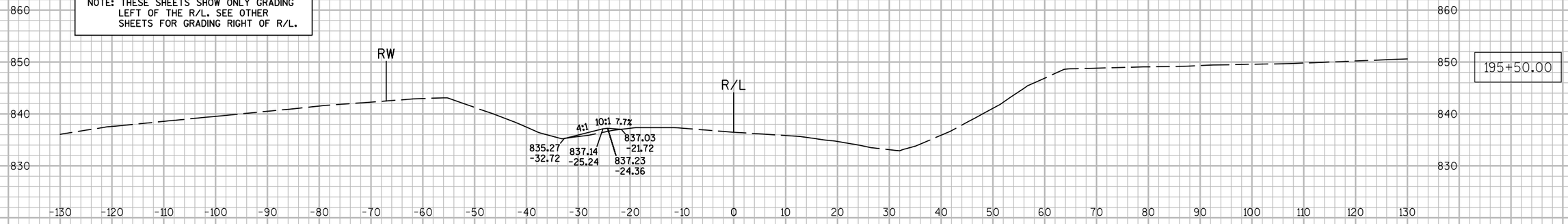
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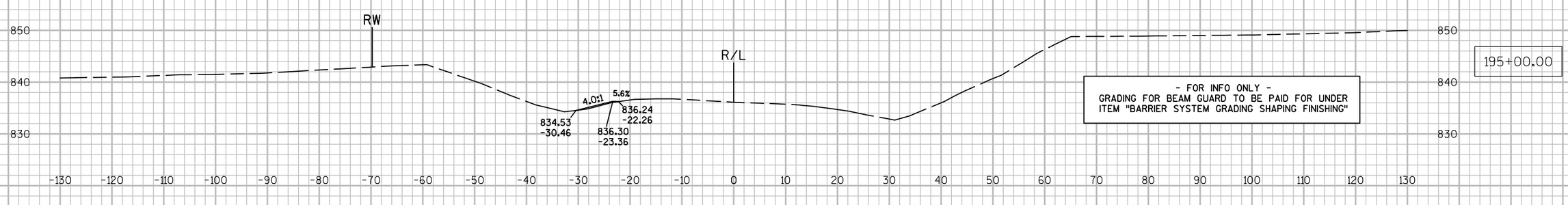
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

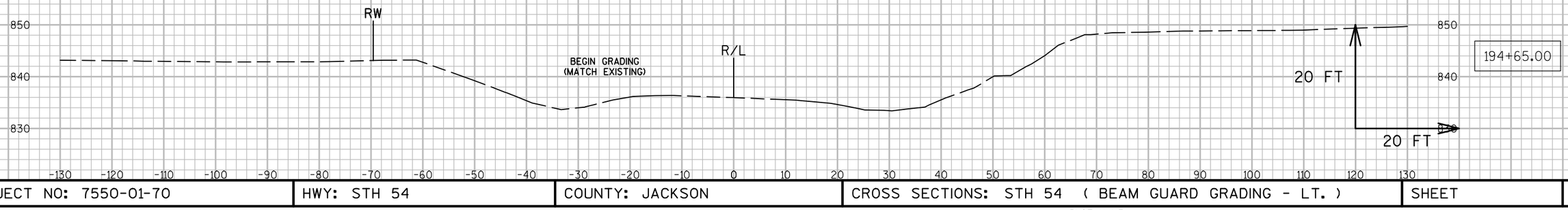
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NOTE: THESE SHEETS SHOW ONLY GRADING LEFT OF THE R/L. SEE OTHER SHEETS FOR GRADING RIGHT OF R/L.



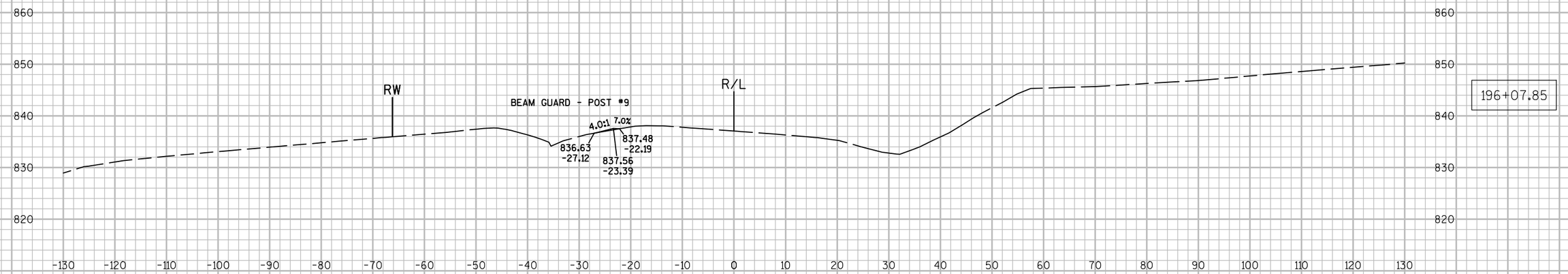




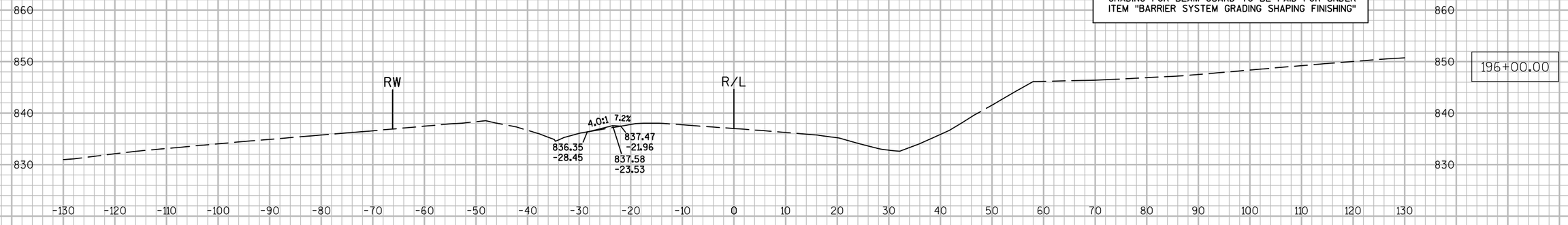
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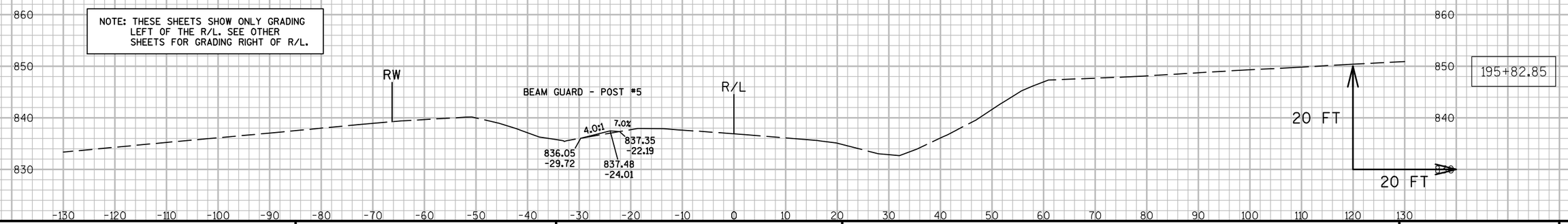
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E



- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



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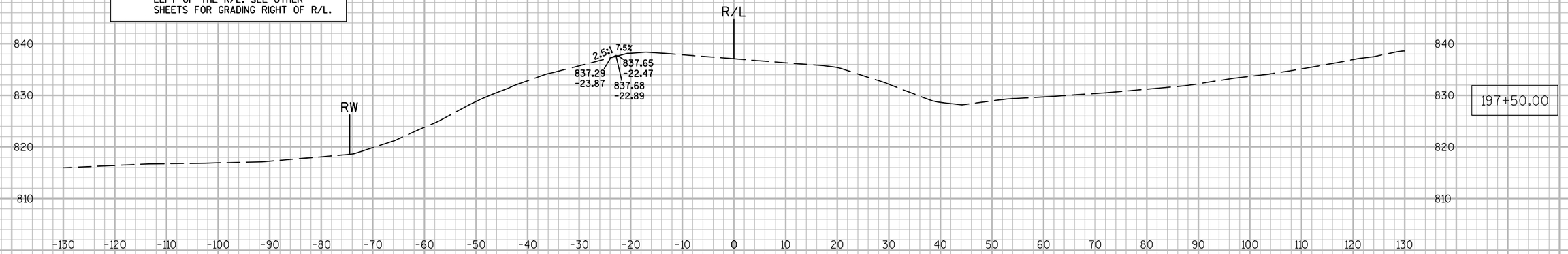


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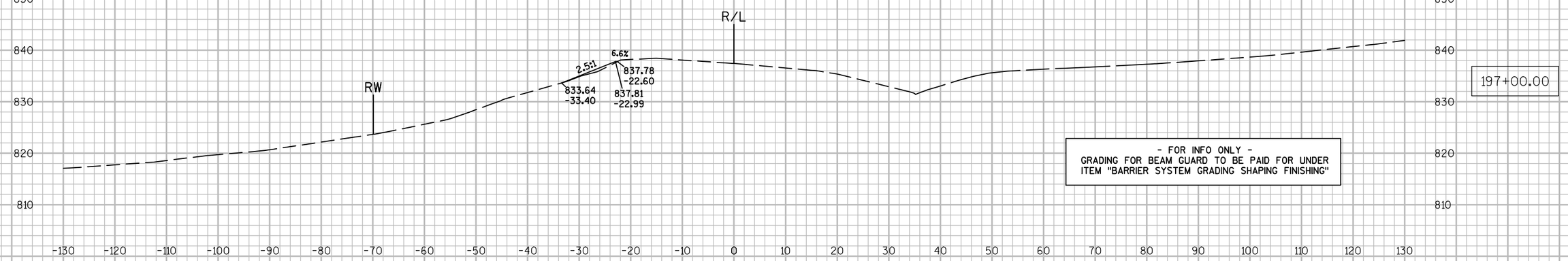
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

NOTE: THESE SHEETS SHOW ONLY GRADING LEFT OF THE R/L. SEE OTHER SHEETS FOR GRADING RIGHT OF R/L.

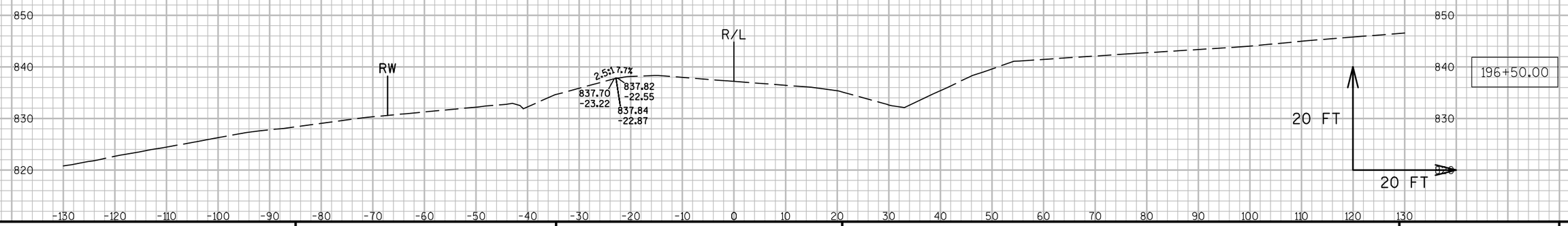


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197+00.00

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

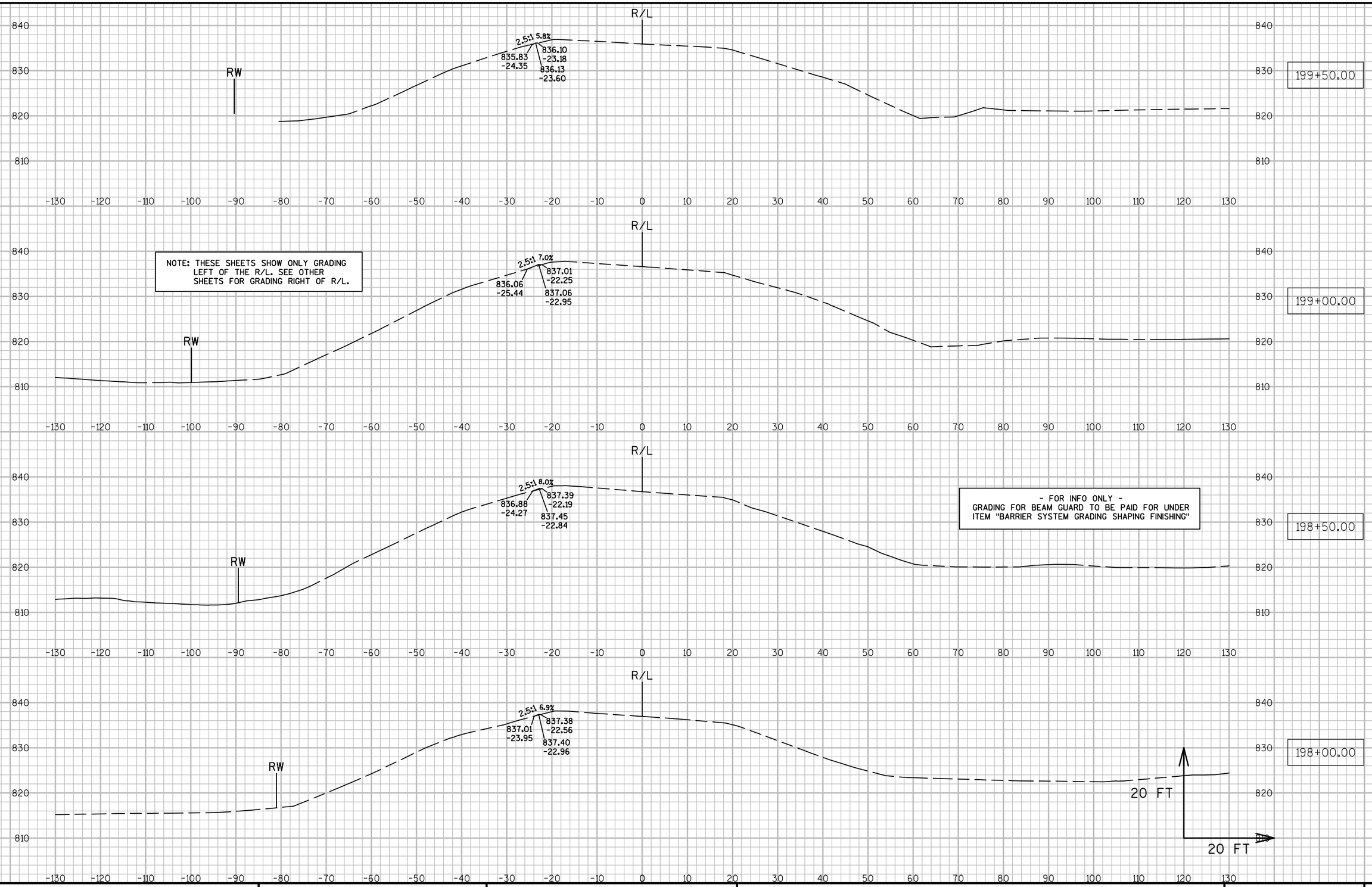


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

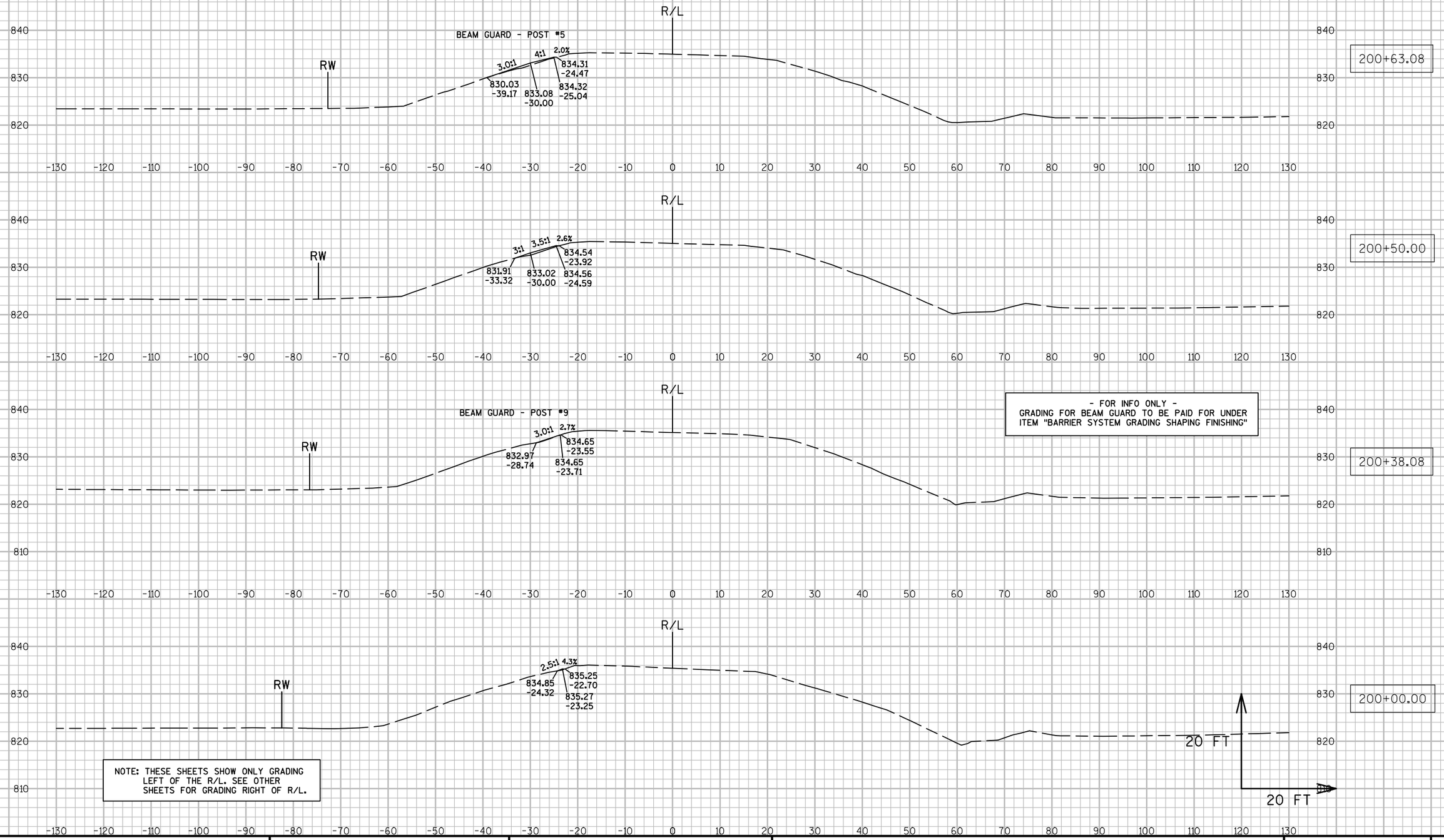


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

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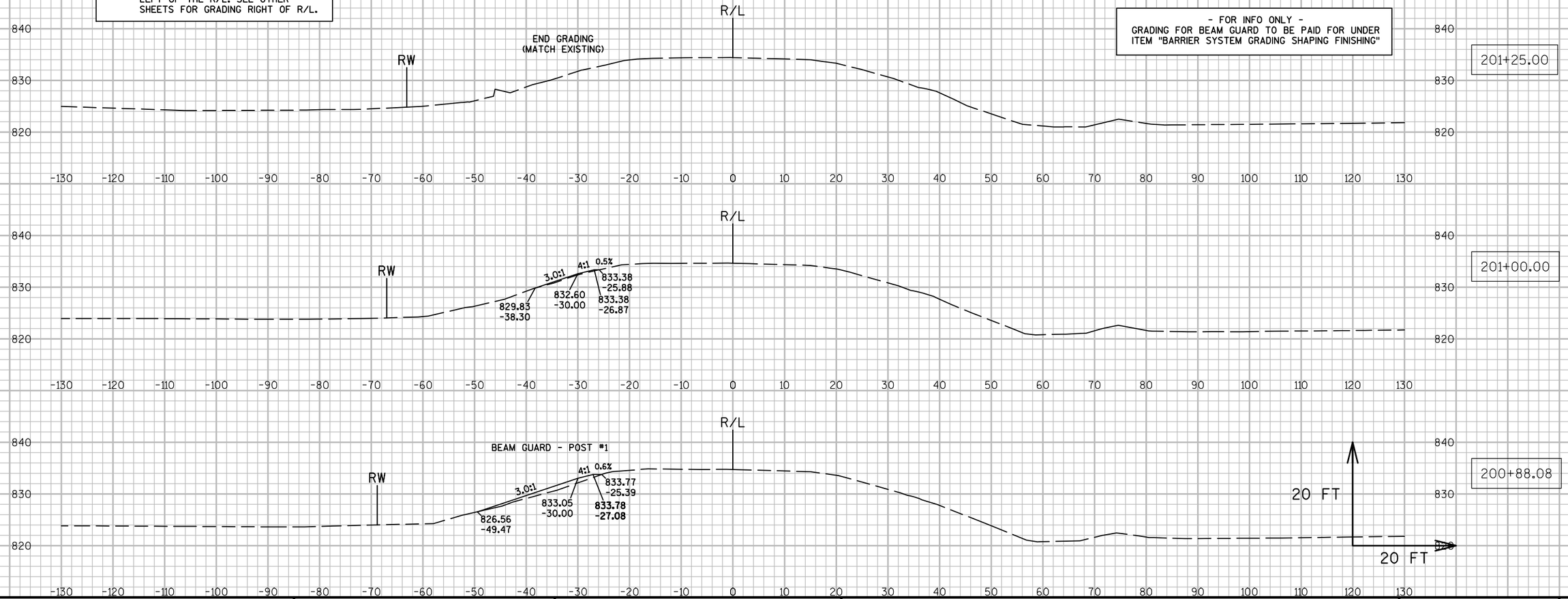
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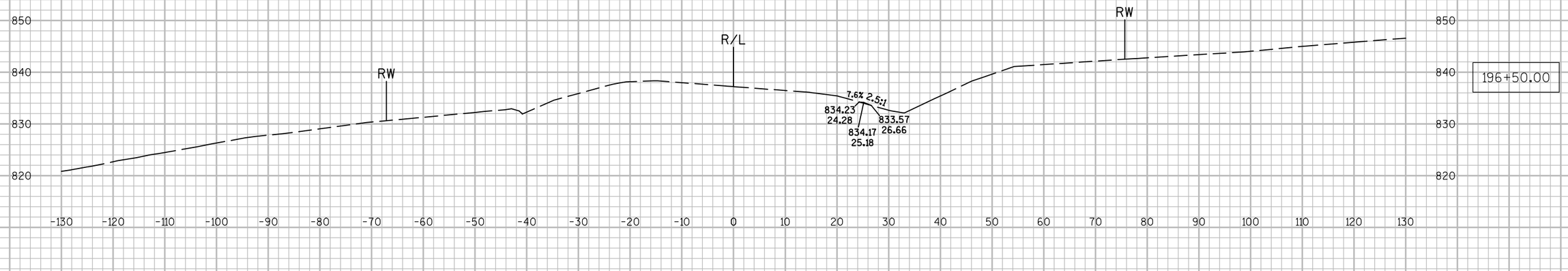
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

NOTE: THESE SHEETS SHOW ONLY GRADING LEFT OF THE R/L. SEE OTHER SHEETS FOR GRADING RIGHT OF R/L.

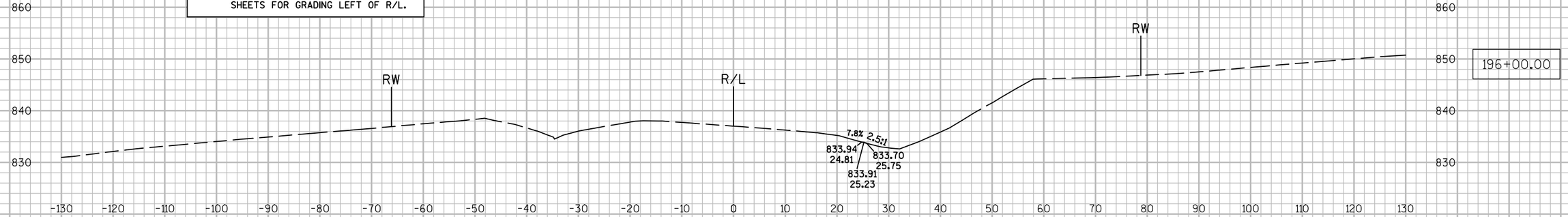


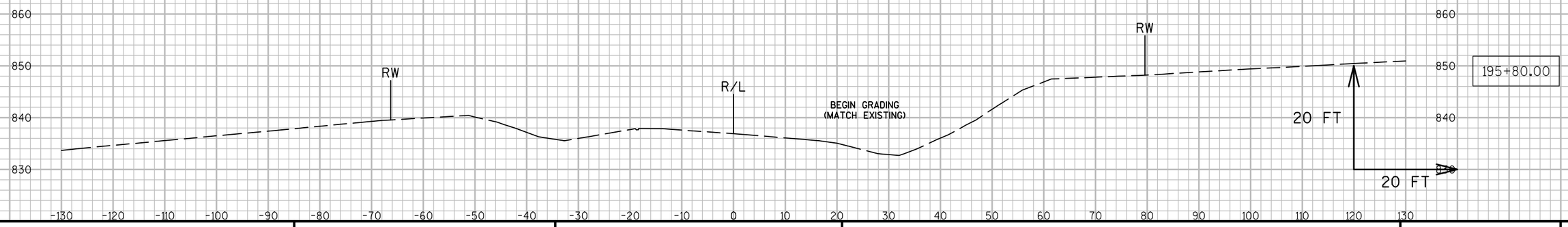
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



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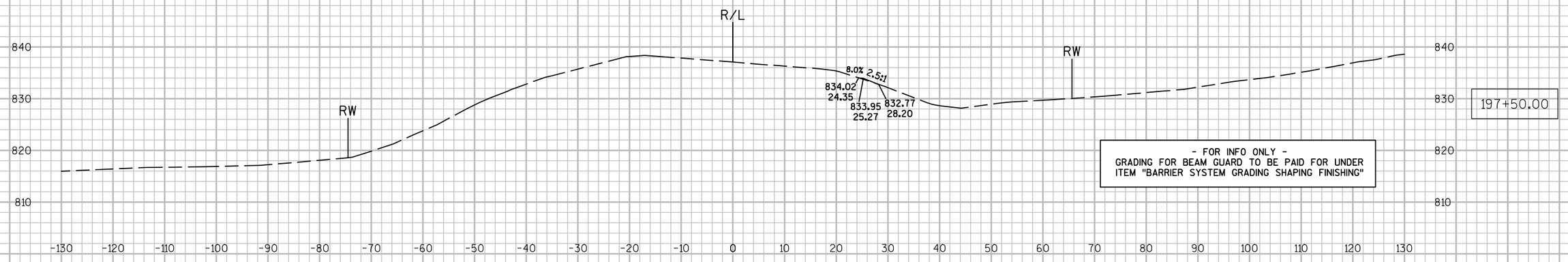
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FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090223_XS.DWG PLOT DATE : 3/28/2016 3:00 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.

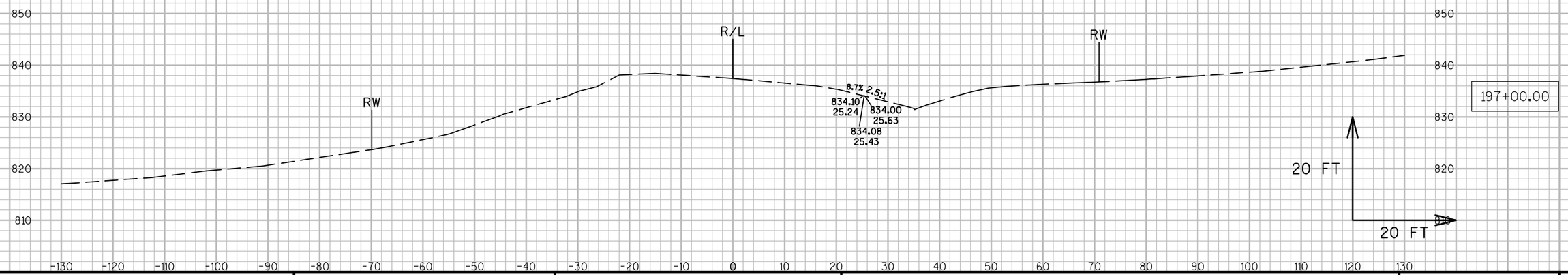


198+00.00



197+50.00

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



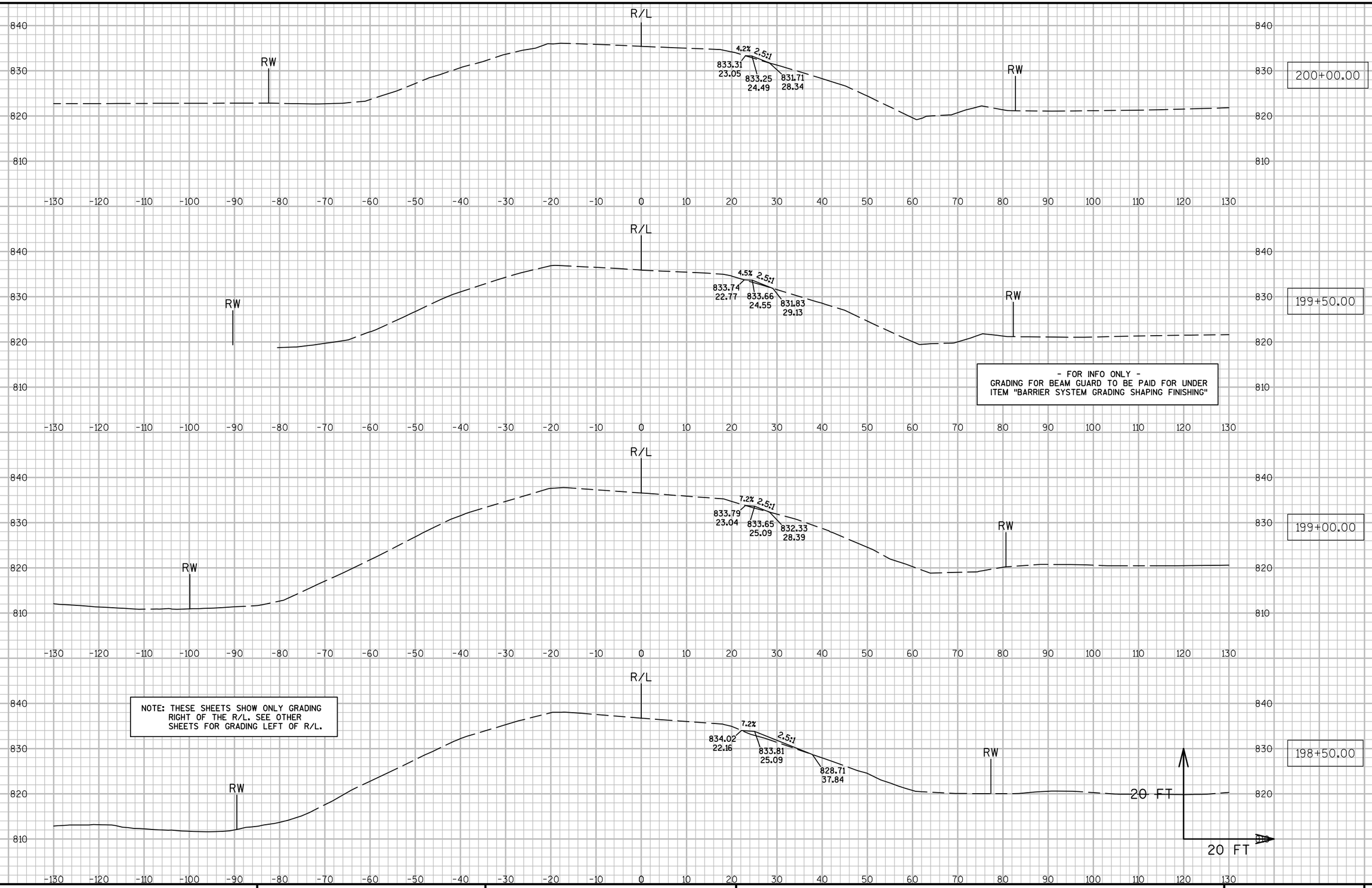
197+00.00

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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090223_XS.DWG PLOT DATE : 3/28/2016 3:02 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

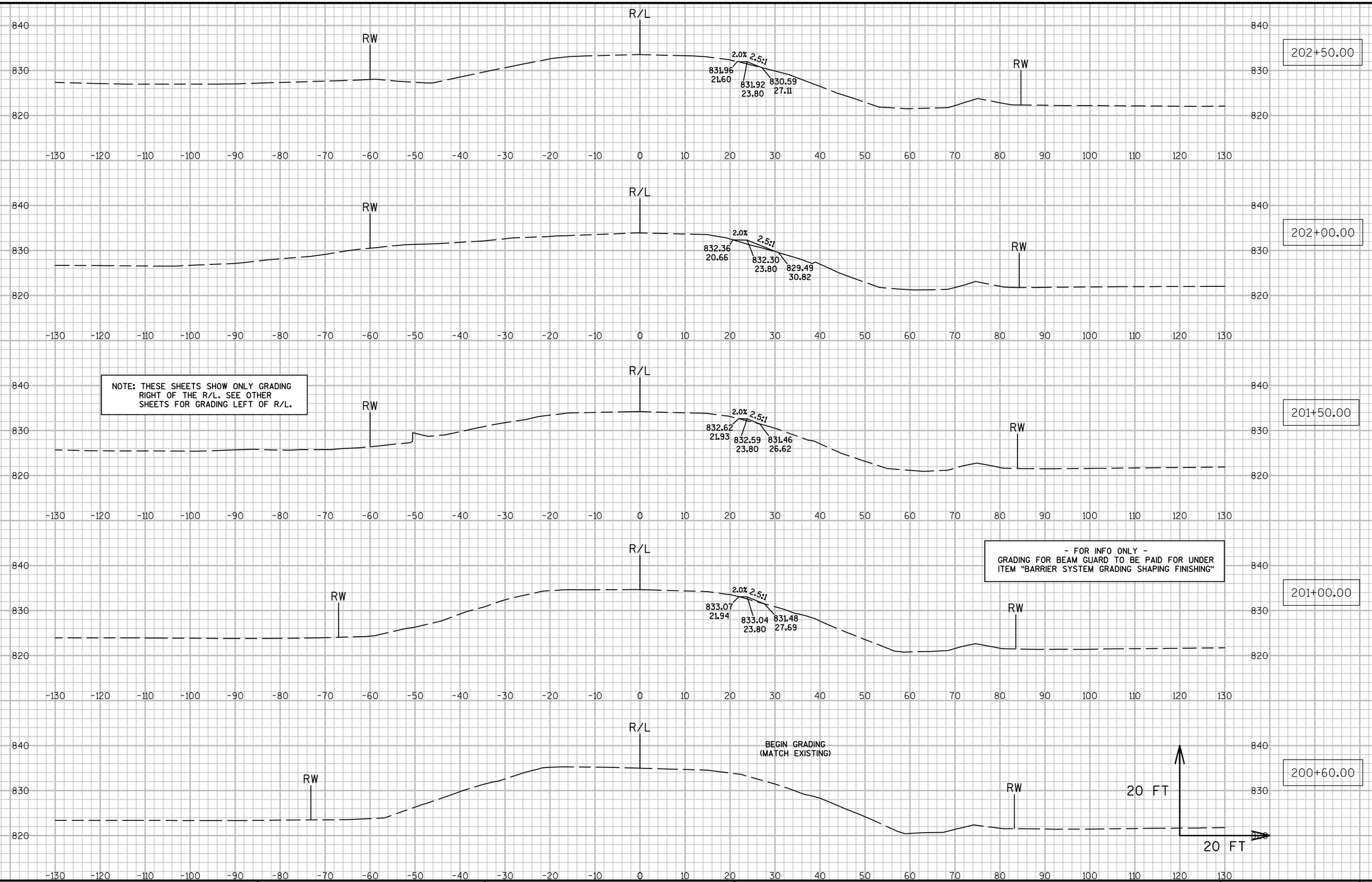
NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E



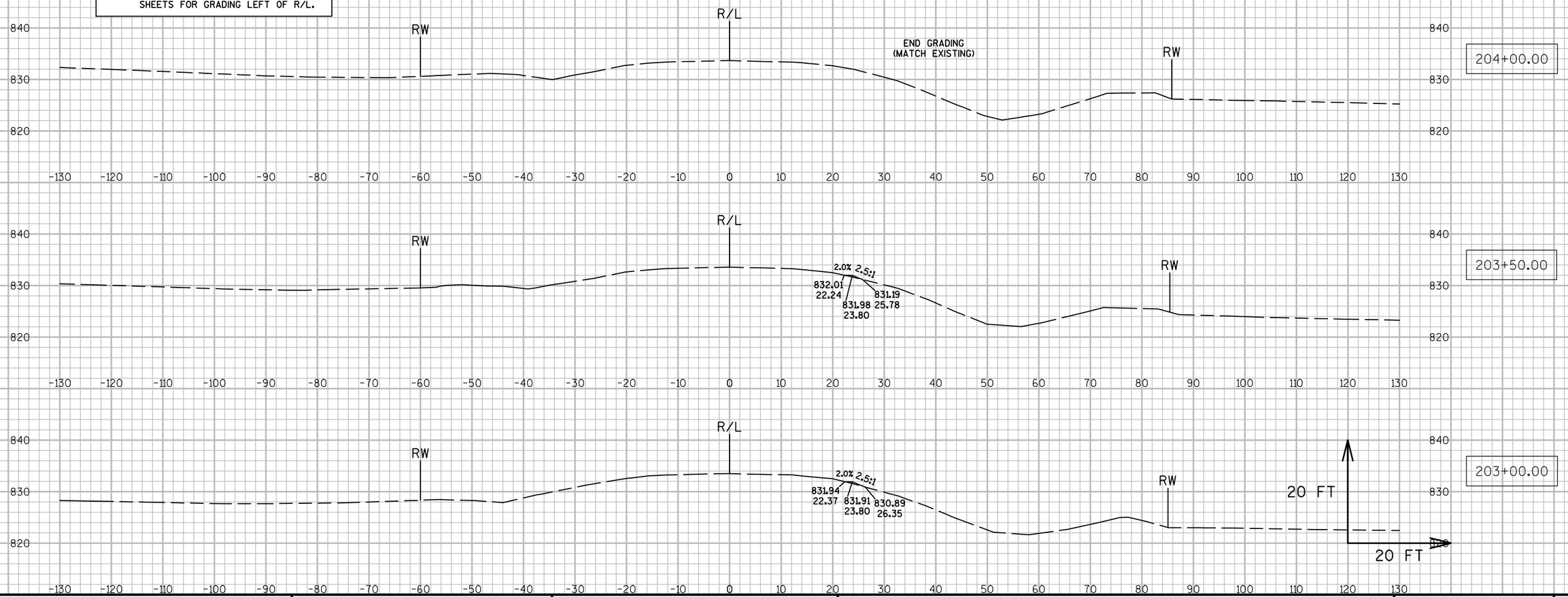
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.

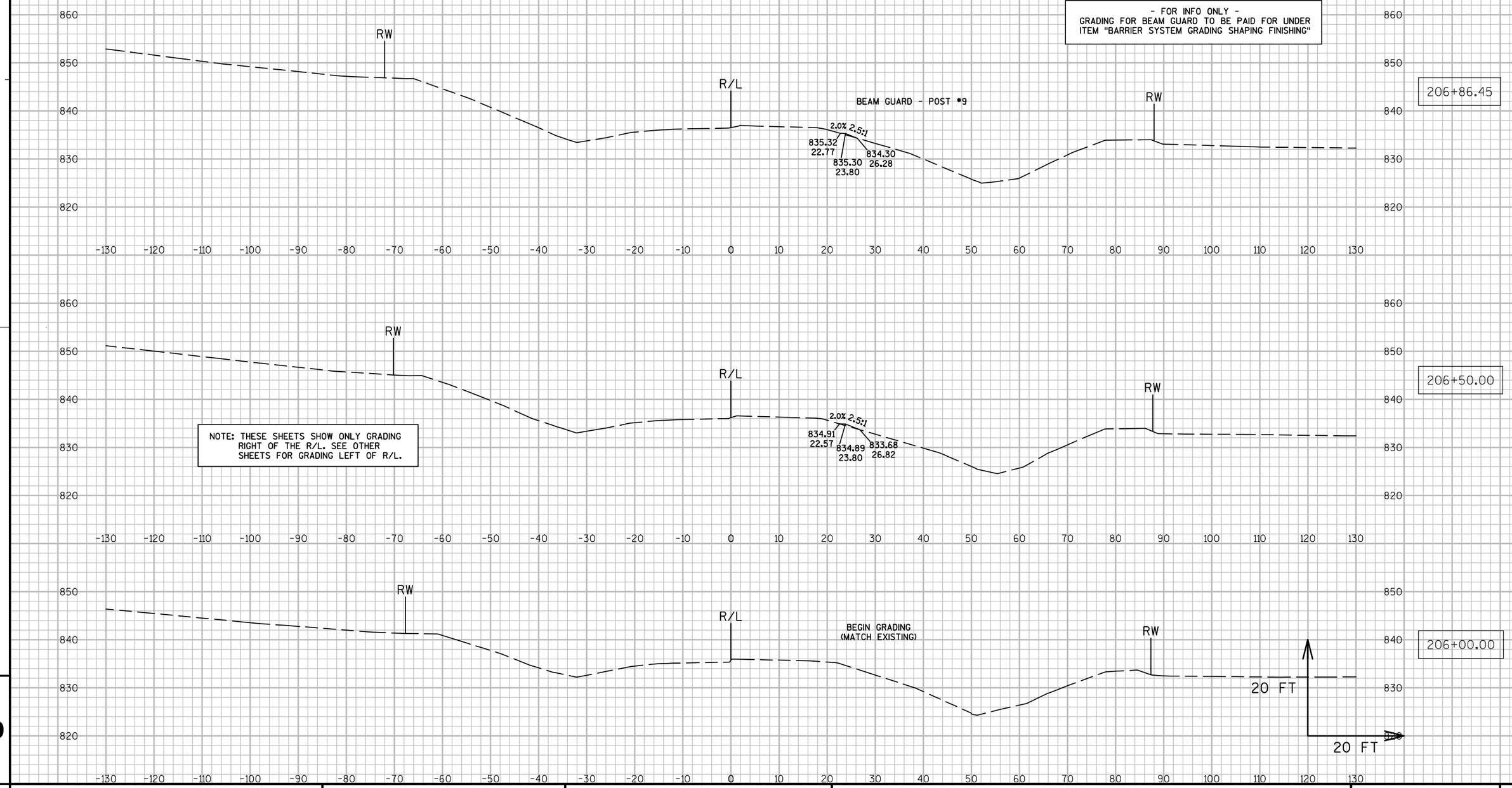
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



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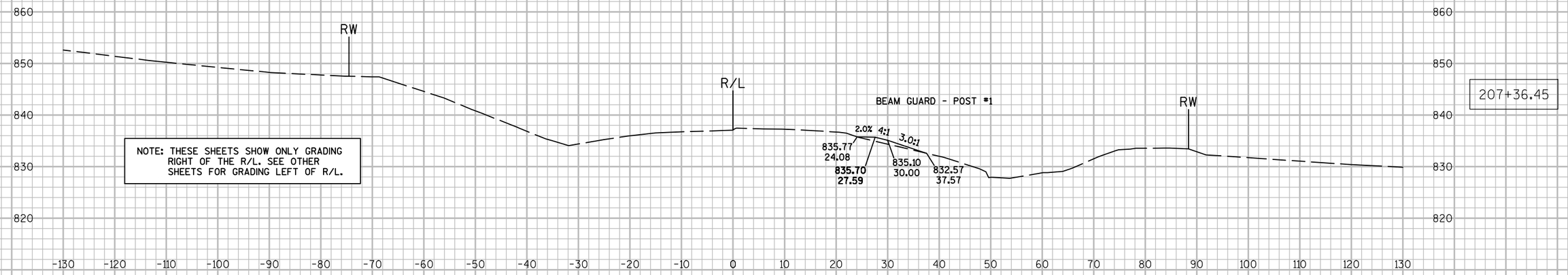
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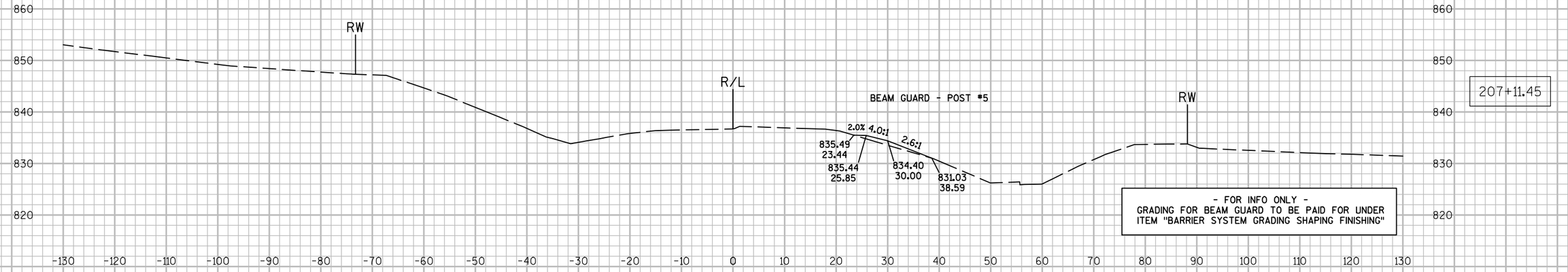


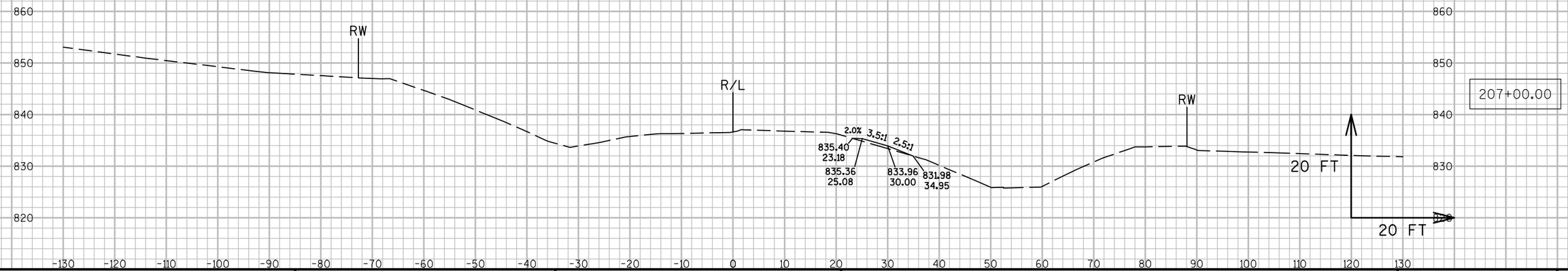
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E







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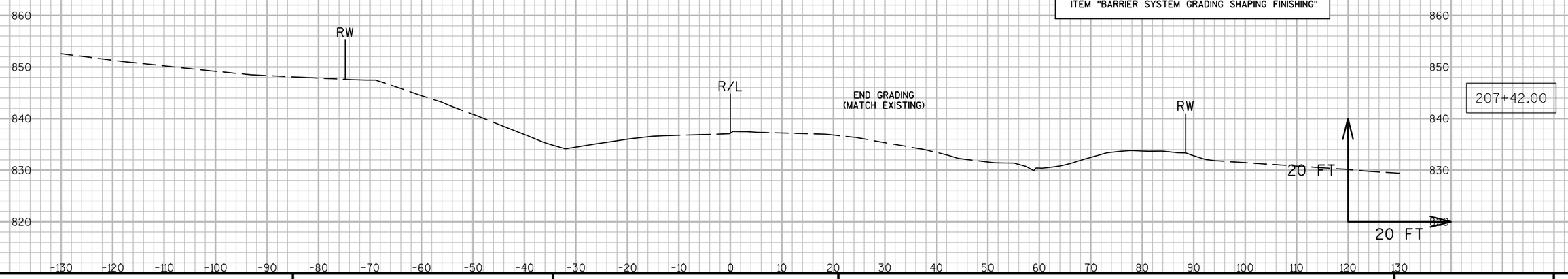
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

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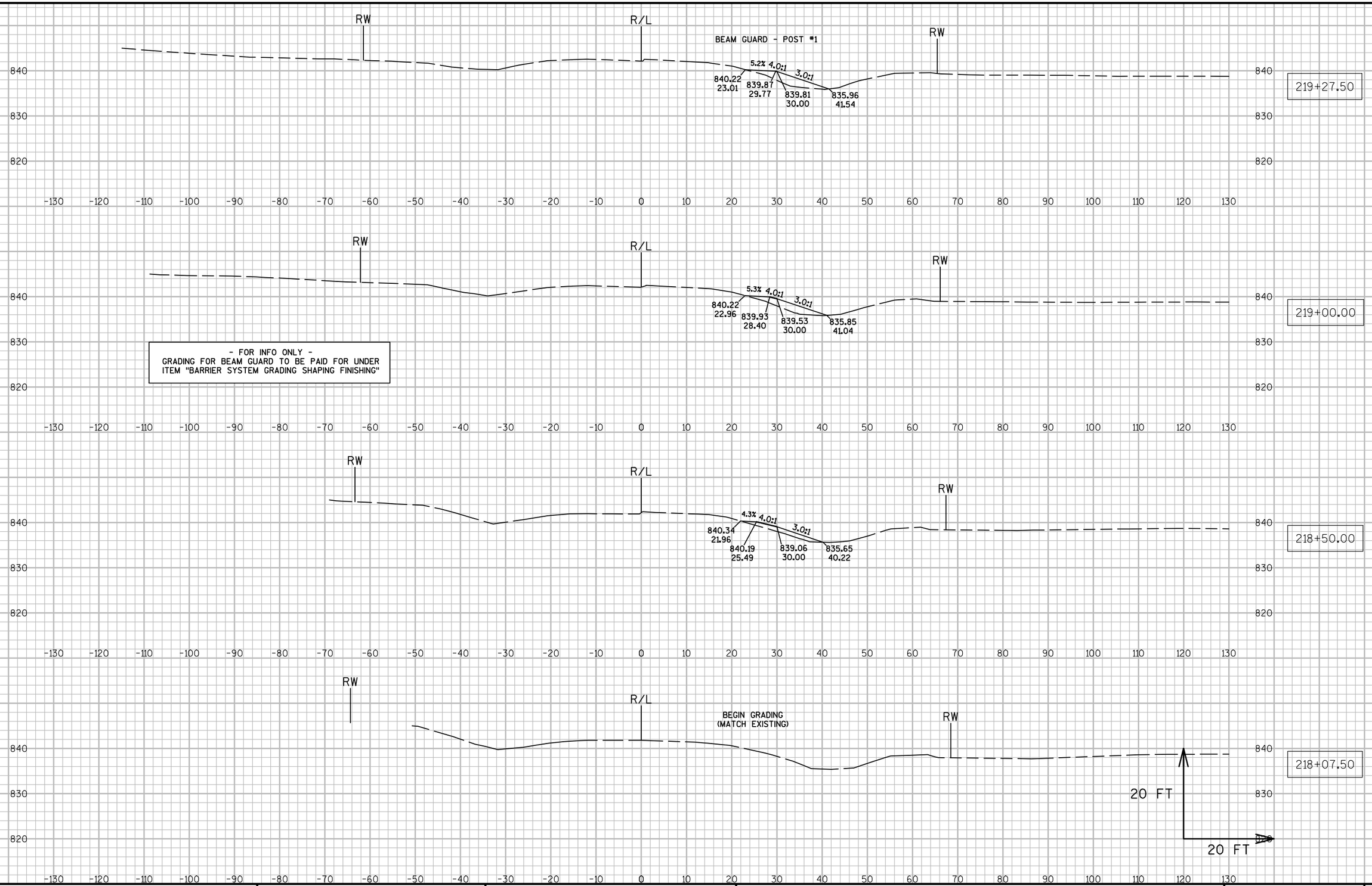
NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



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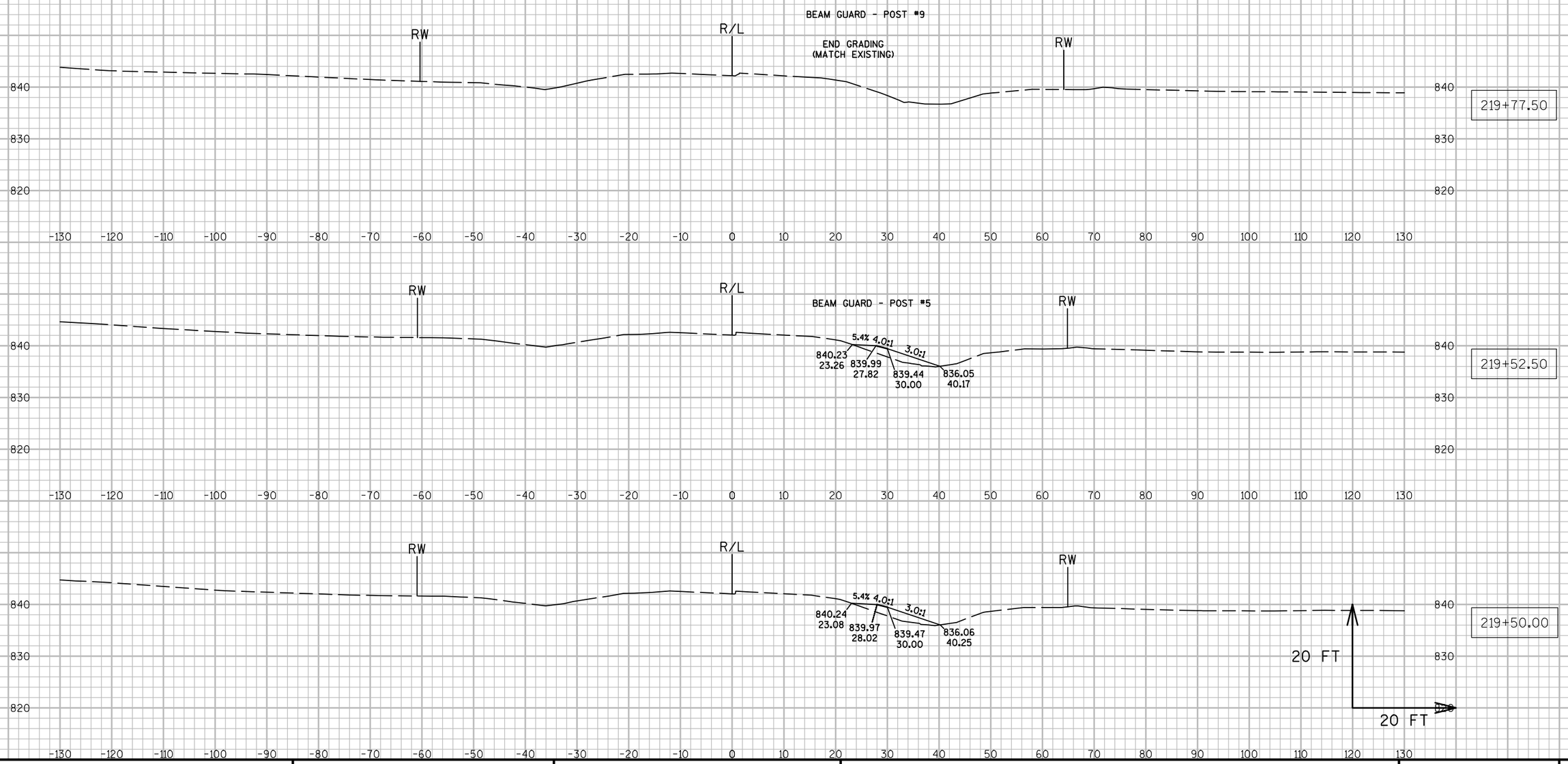
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E



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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

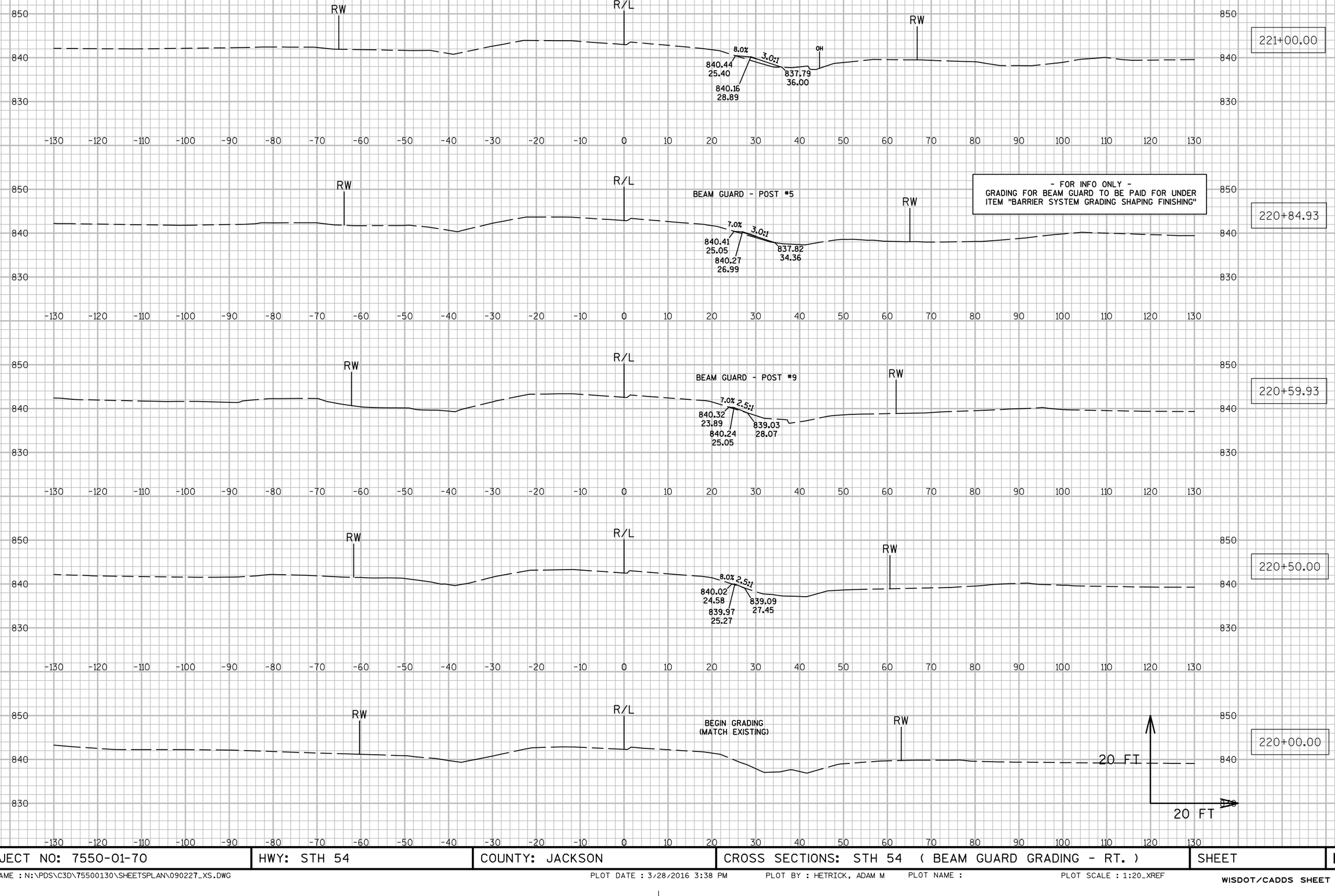


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090226_XS.DWG PLOT DATE : 3/28/2016 3:36 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



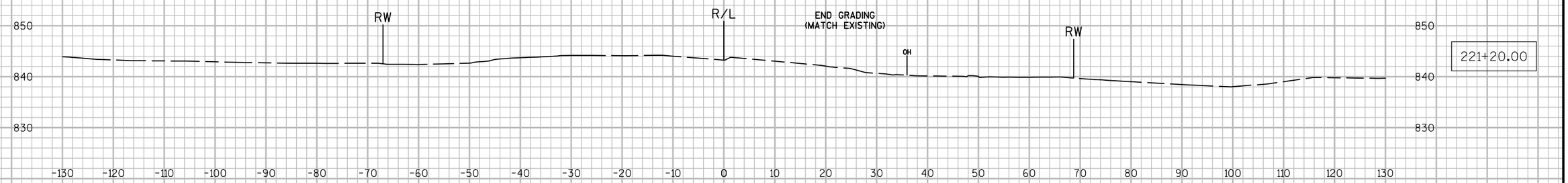
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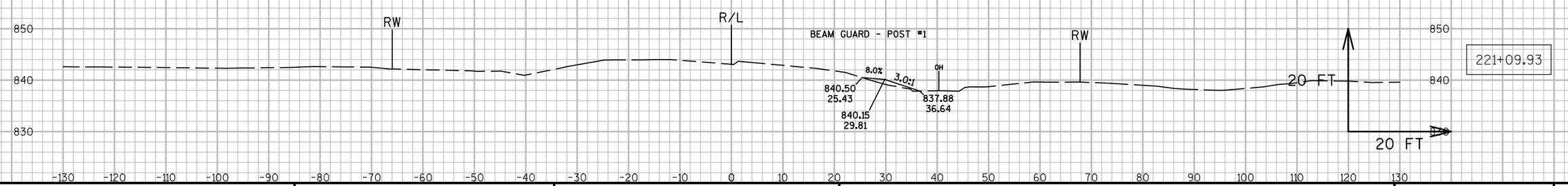
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090227_XS.DWG PLOT DATE : 3/28/2016 3:38 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



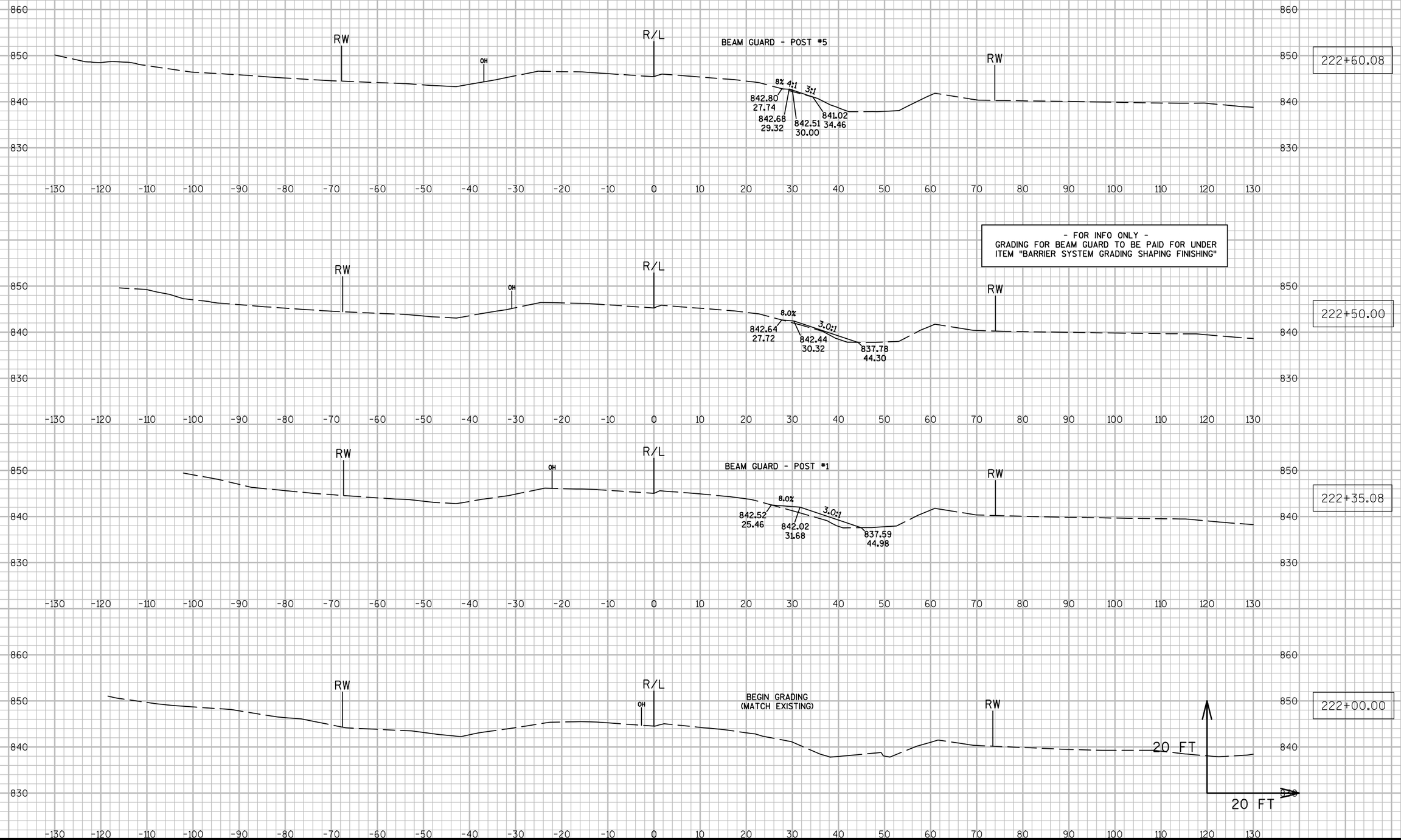


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090227_XS.DWG PLOT DATE : 3/28/2016 3:40 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

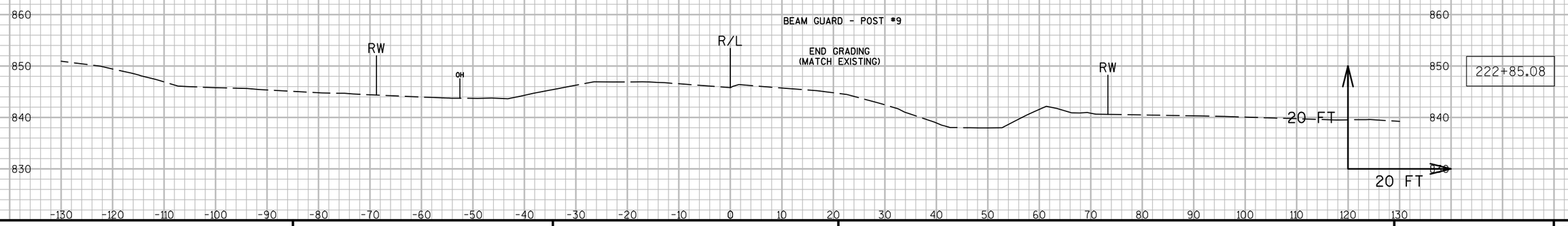


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

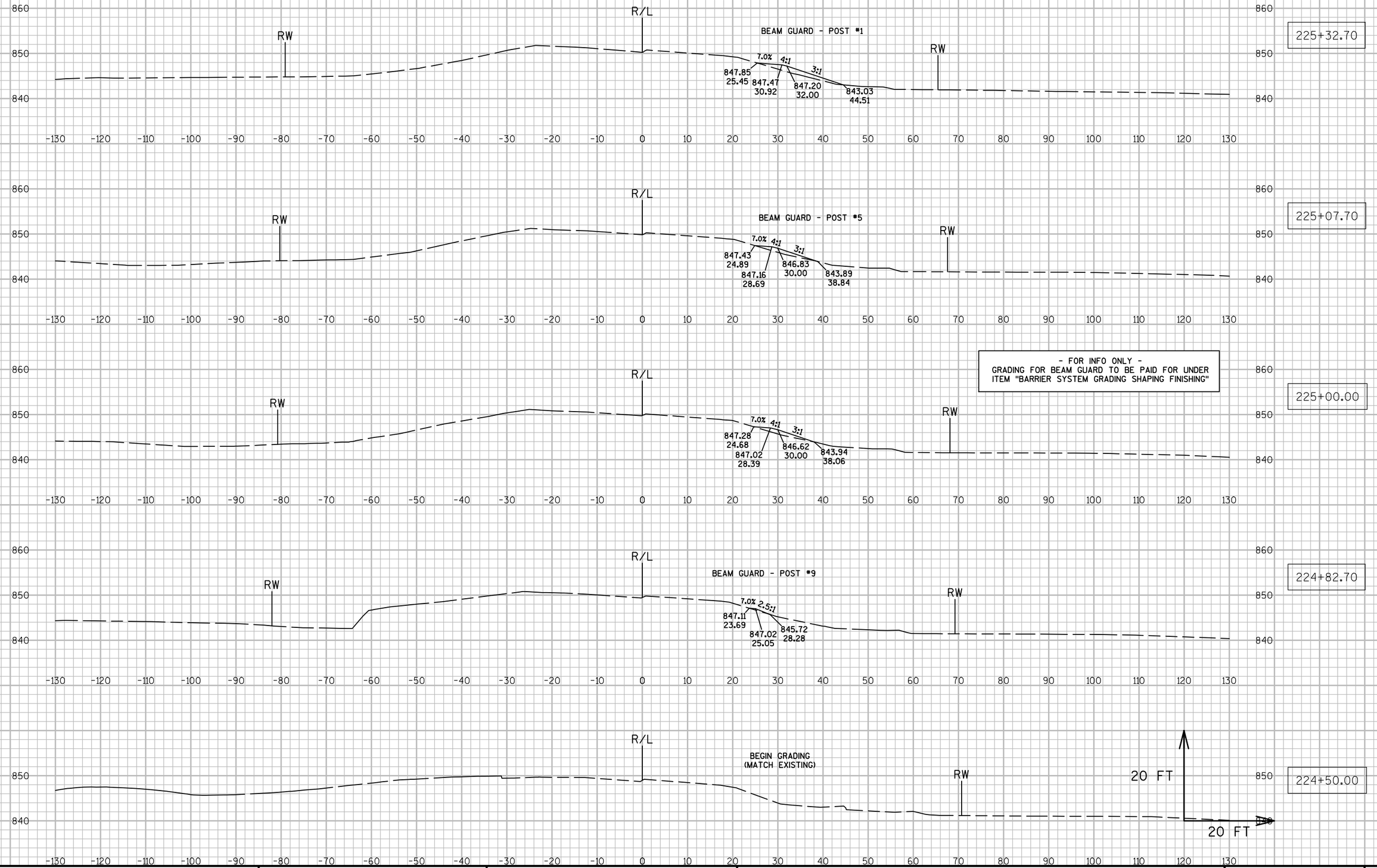
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



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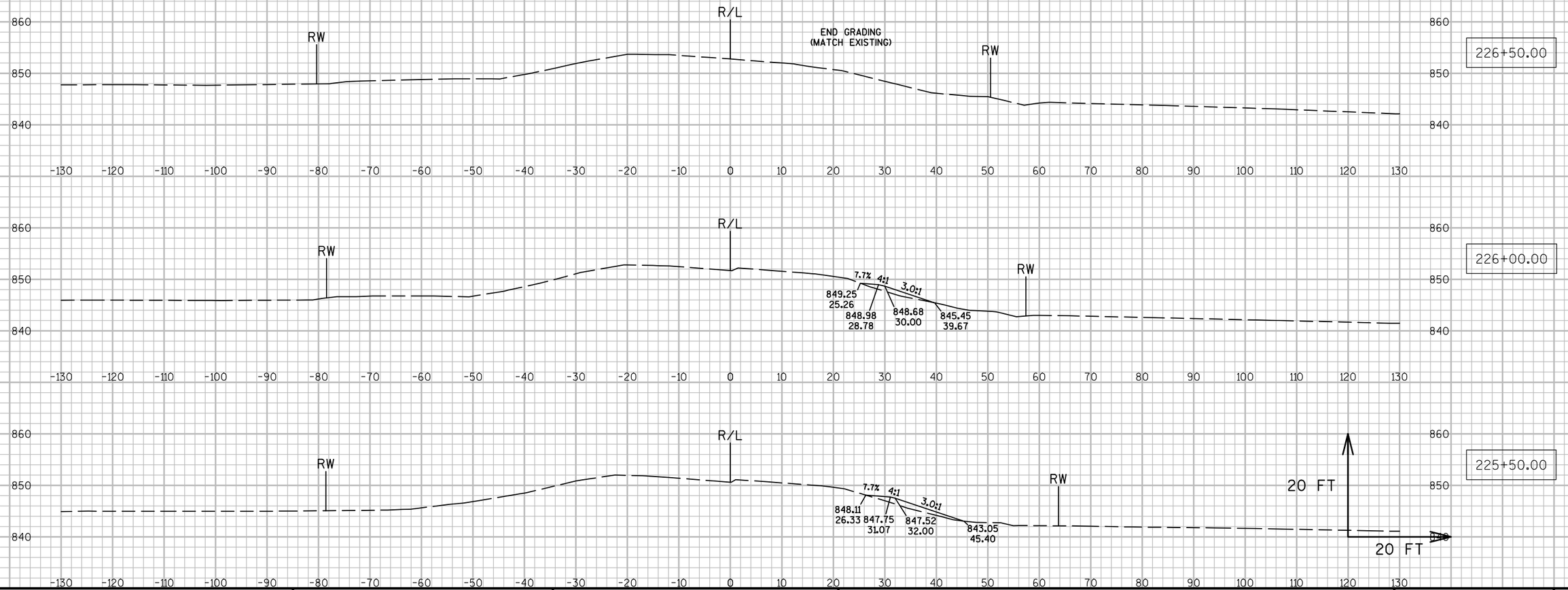
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E



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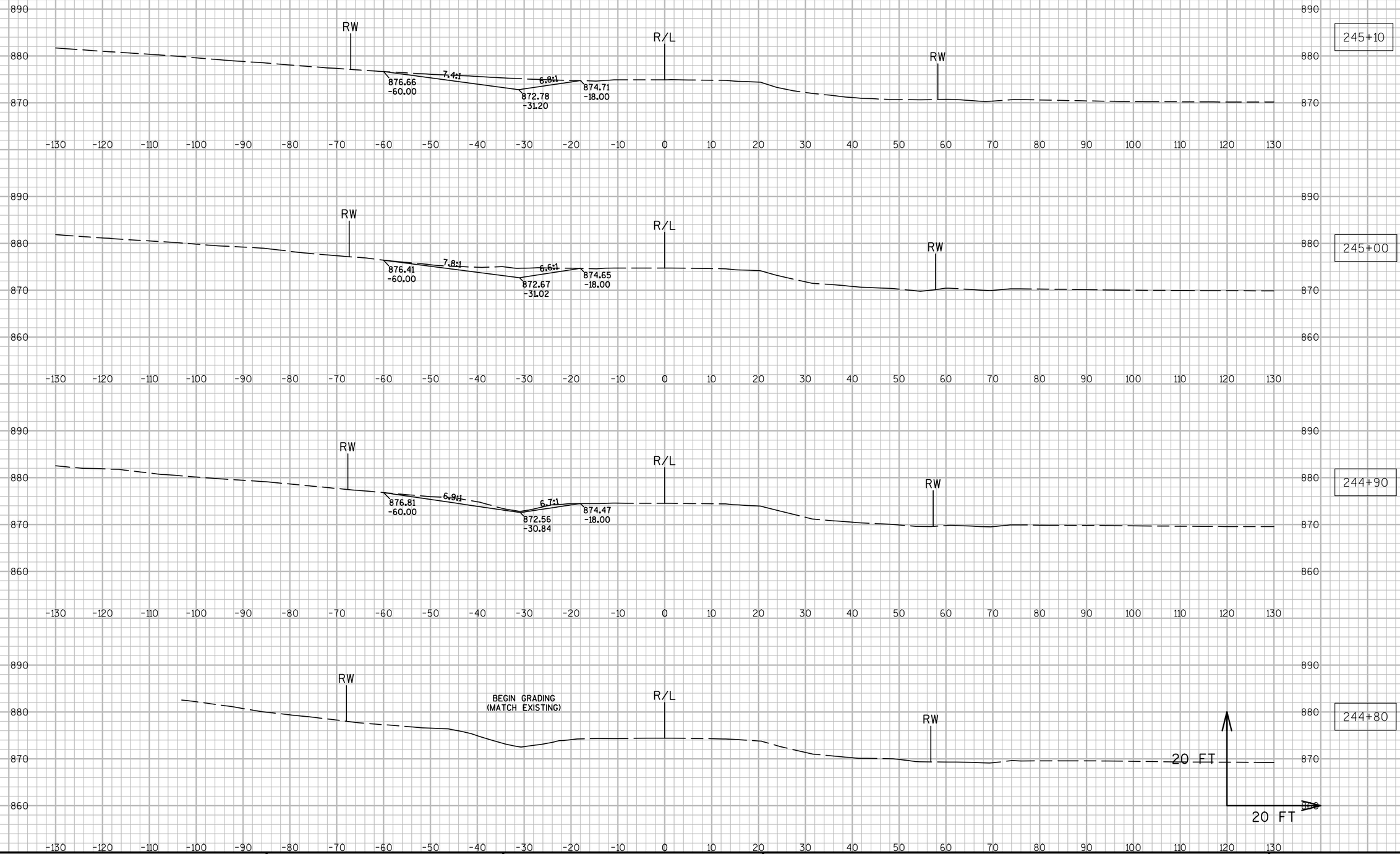
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

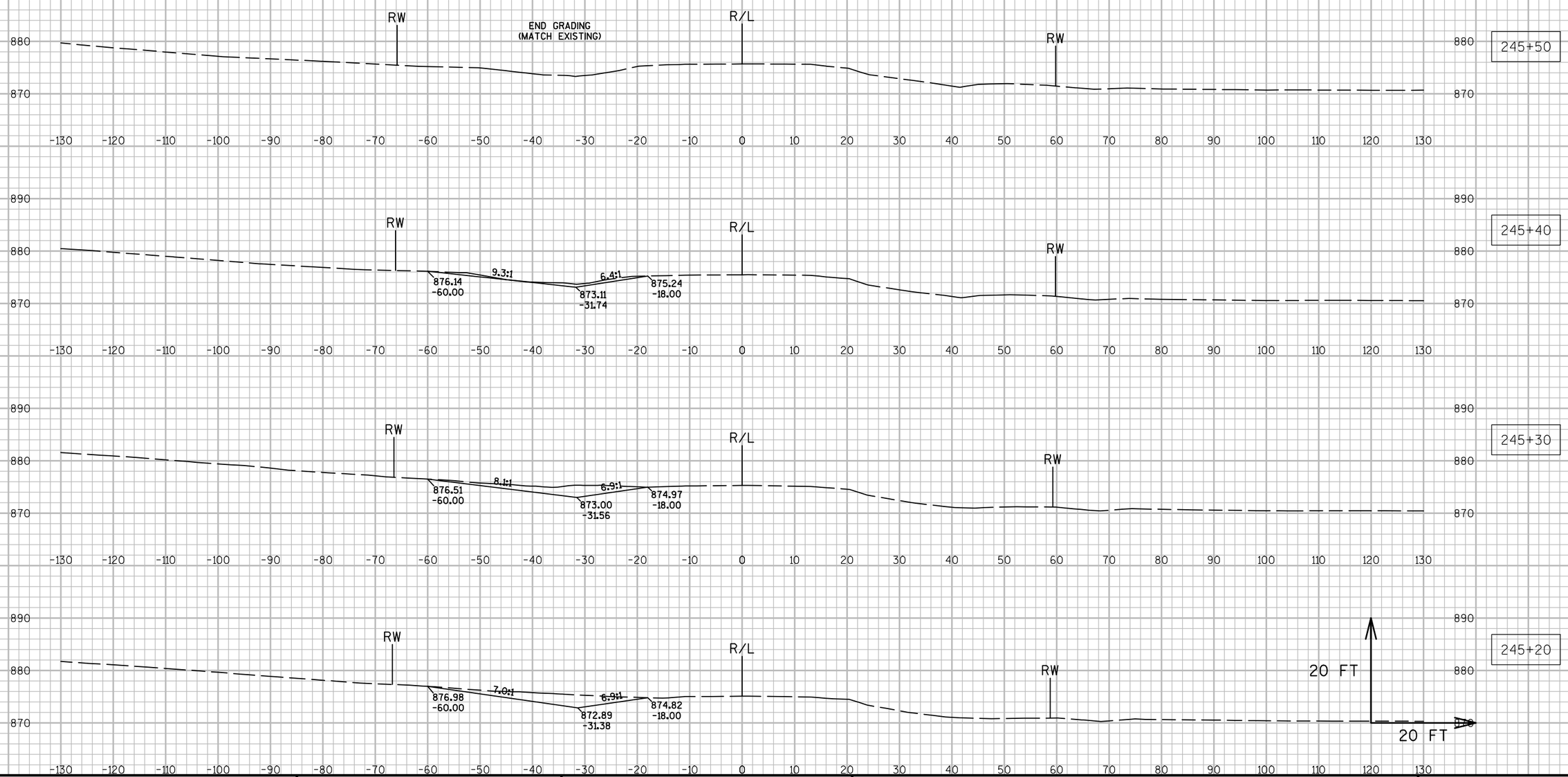


PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090229_XS.DWG PLOT DATE : 3/28/2016 3:45 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 245+14, LT.)	SHEET	E

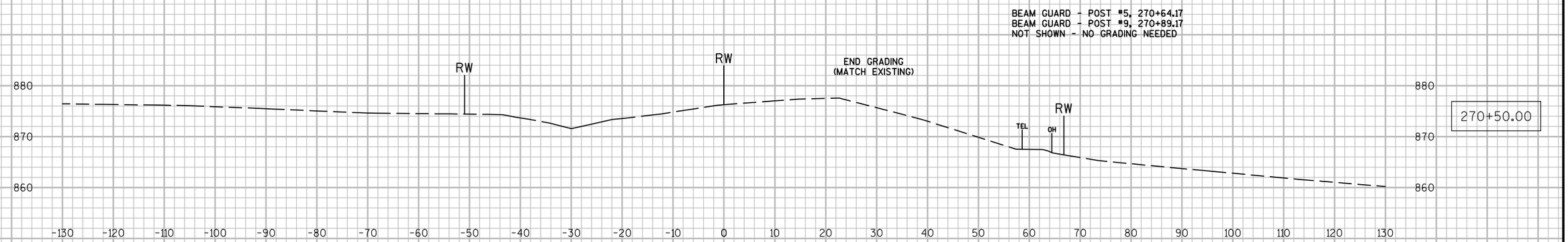


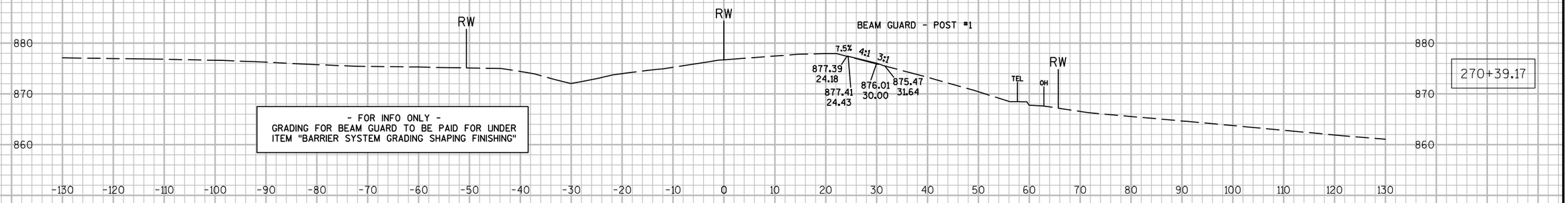
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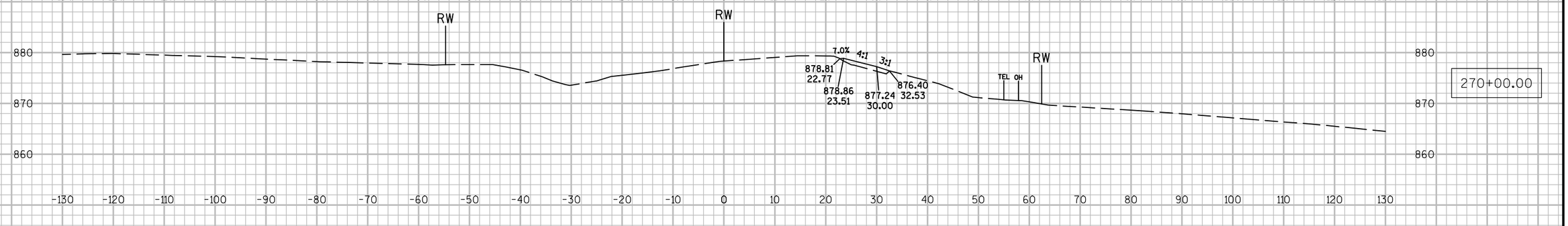
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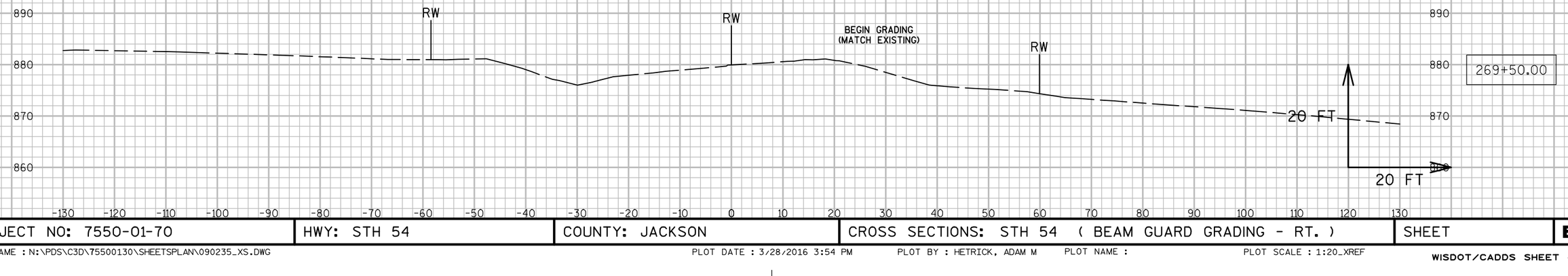
BEAM GUARD - POST #5, 270+64.17
BEAM GUARD - POST #9, 270+89.17
NOT SHOWN - NO GRADING NEEDED





- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



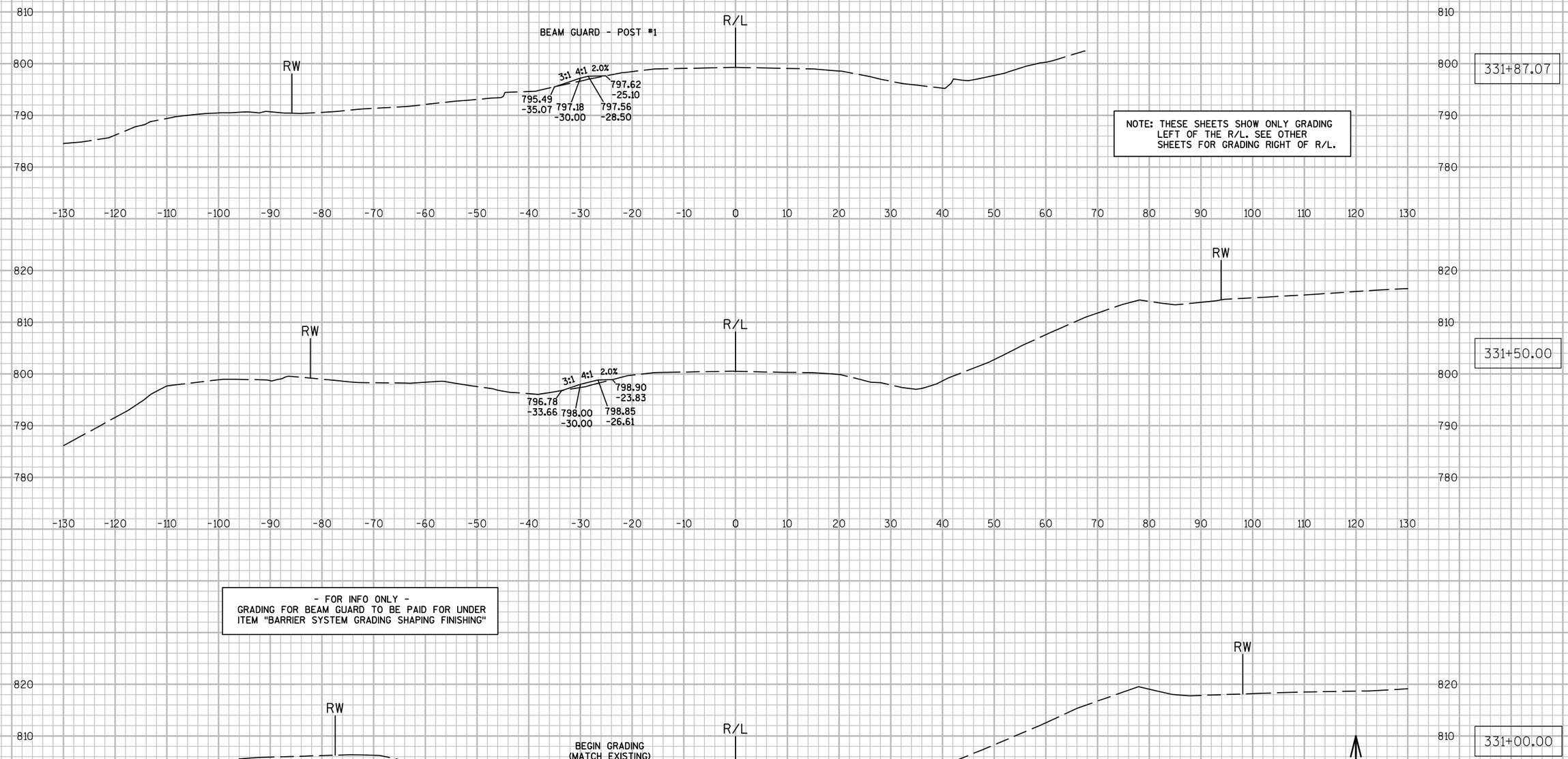


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

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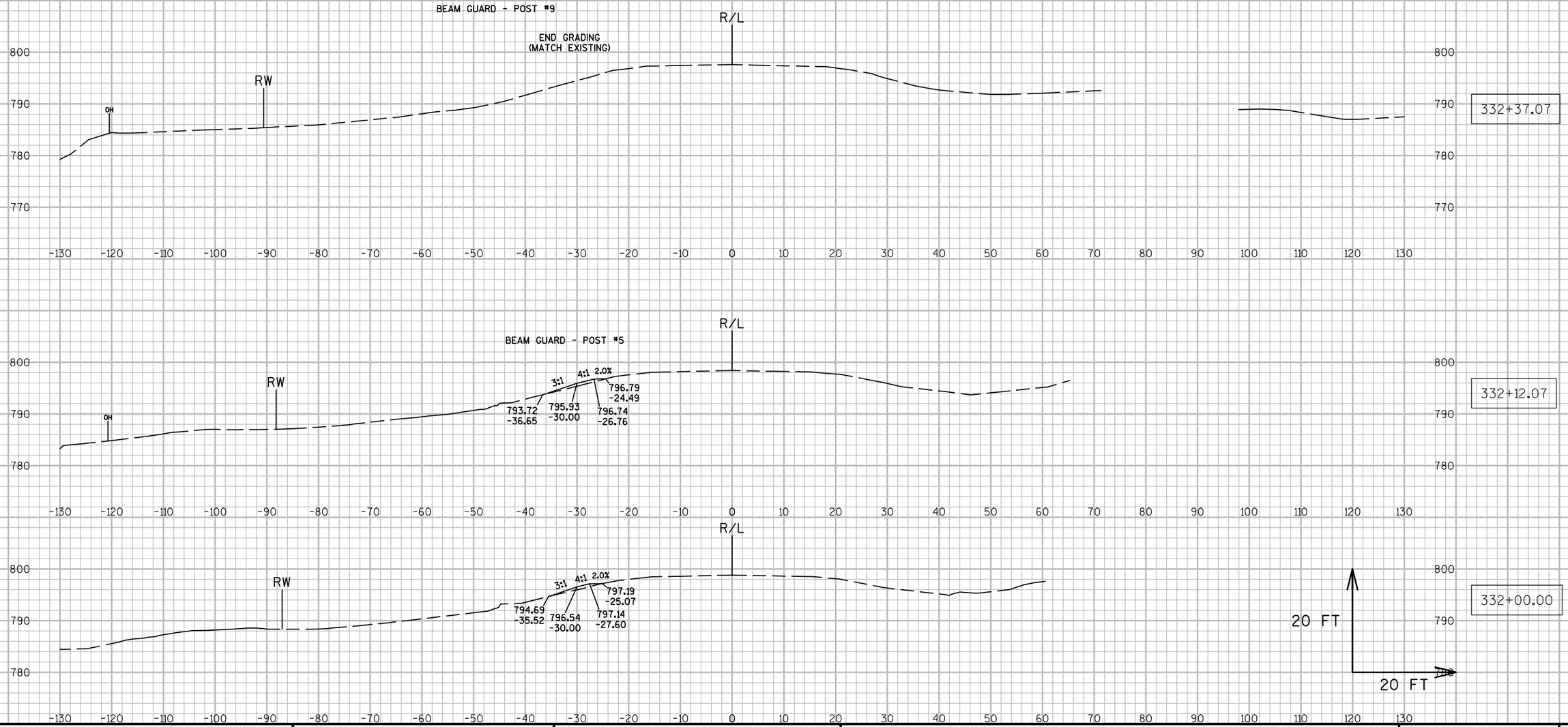
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090237_XS.DWG PLOT DATE : 3/28/2016 3:55 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

NOTE: THESE SHEETS SHOW ONLY GRADING LEFT OF THE R/L. SEE OTHER SHEETS FOR GRADING RIGHT OF R/L.

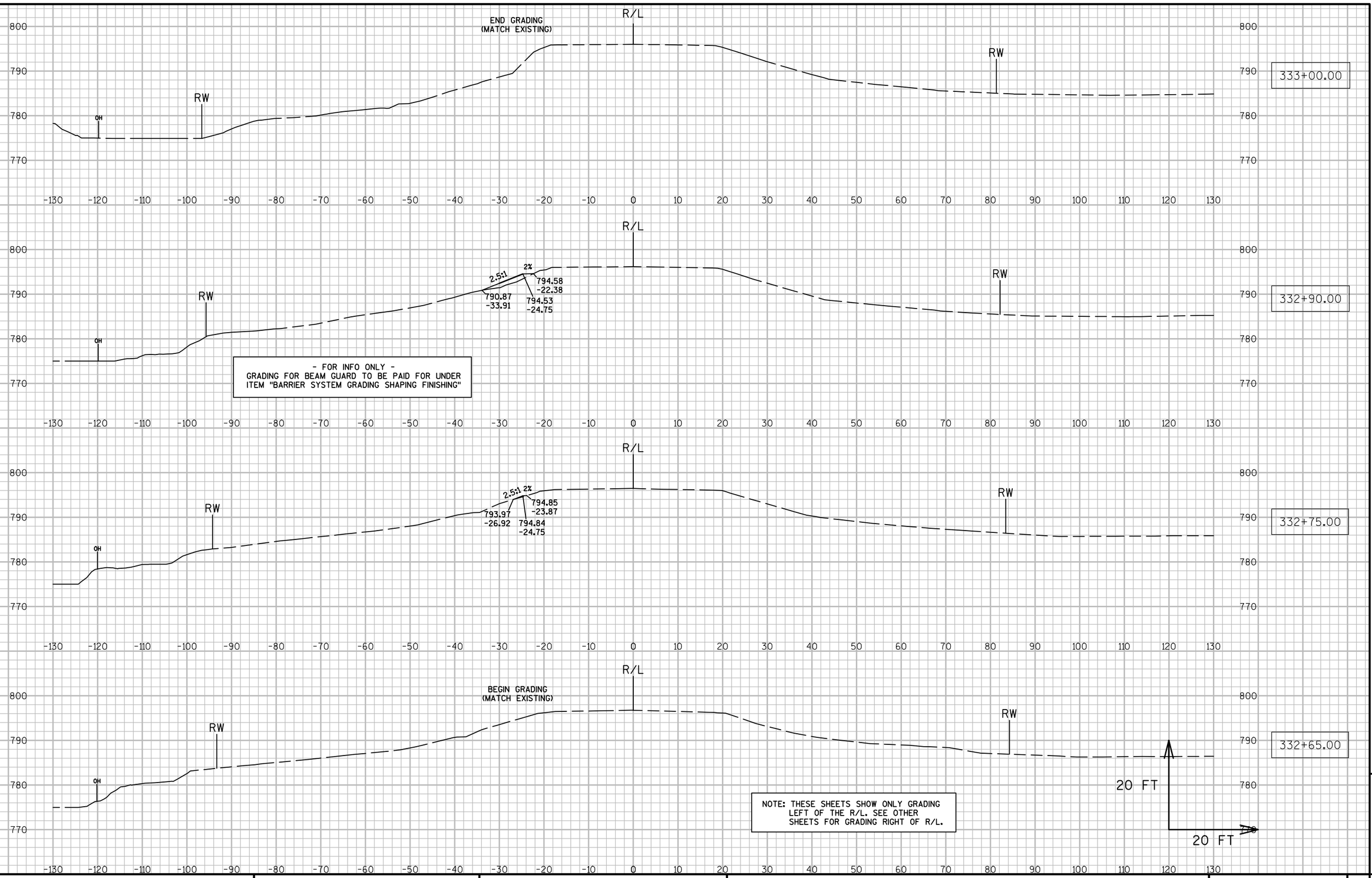


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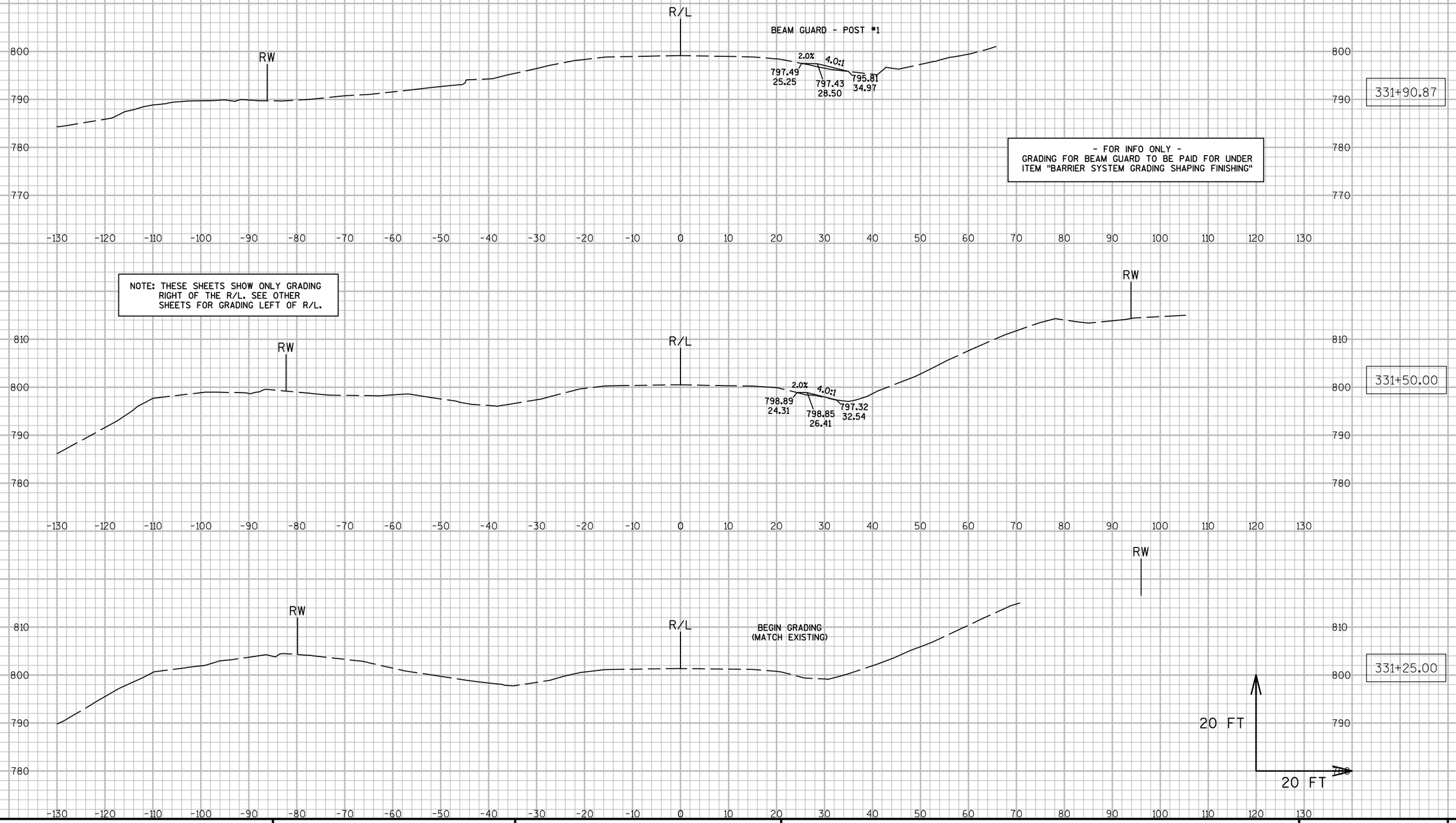
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

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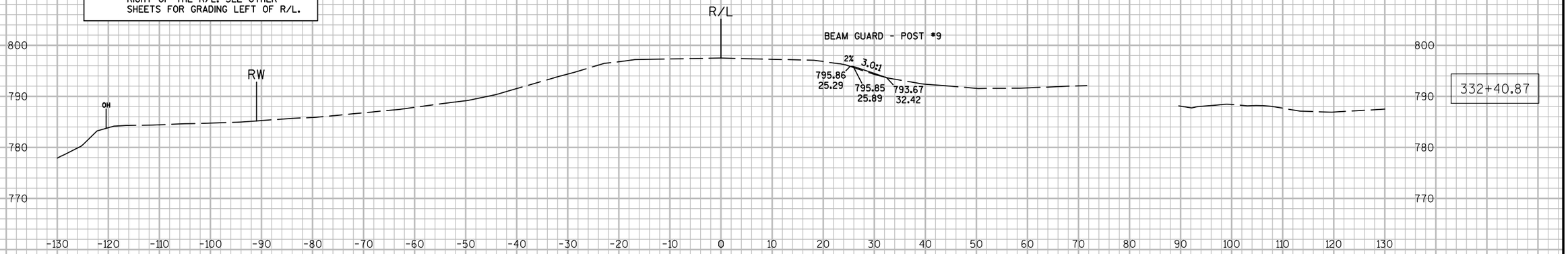


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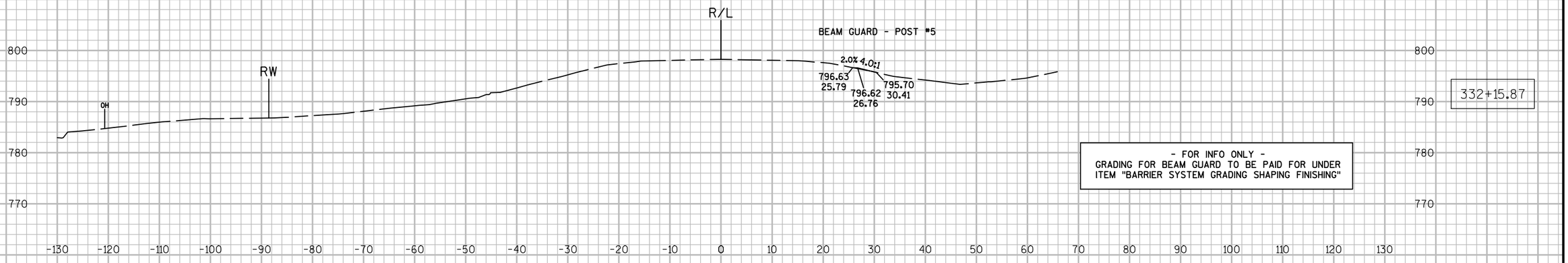
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET E

NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.

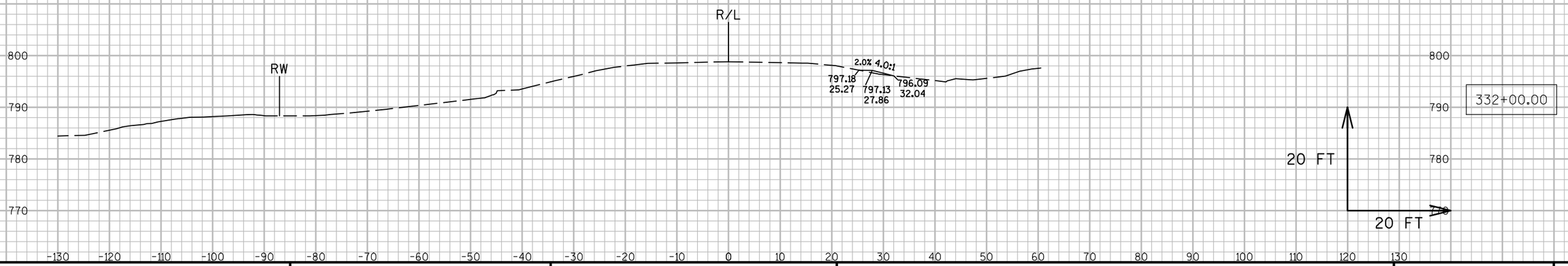


332+40.87



332+15.87

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



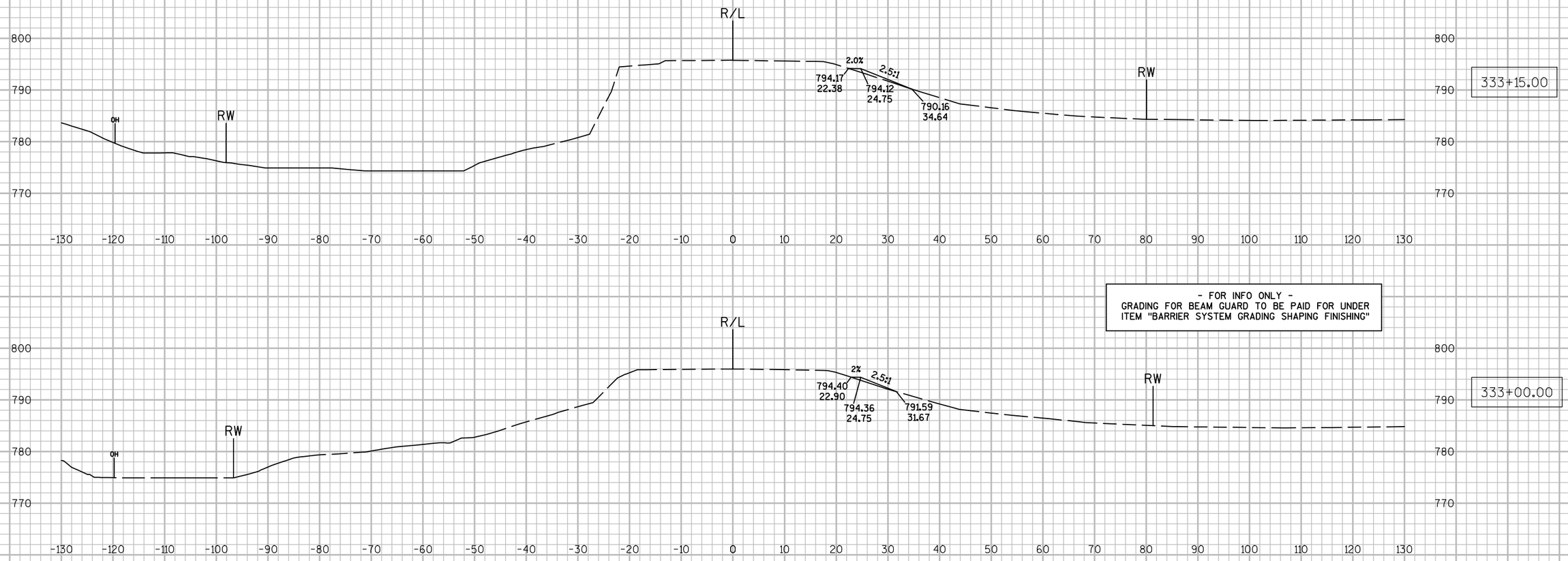
332+00.00

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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090238_XS.DWG PLOT DATE : 3/28/2016 4:02 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

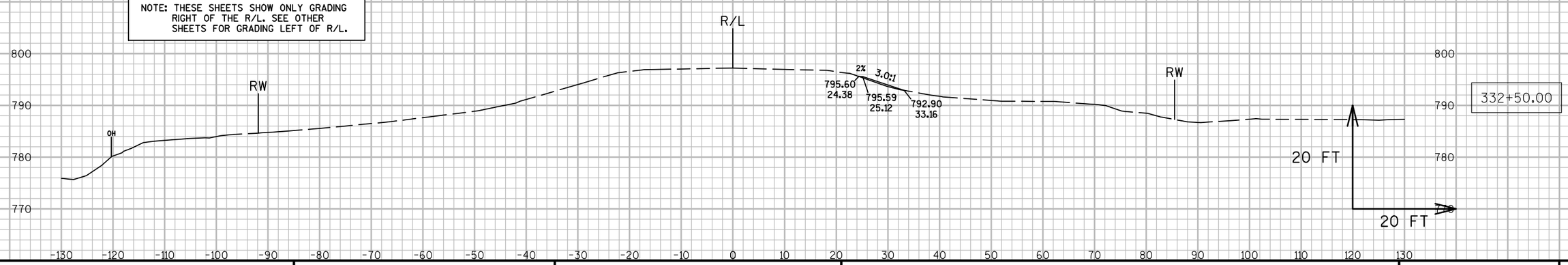


333+15.00

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

333+00.00

NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.



332+50.00

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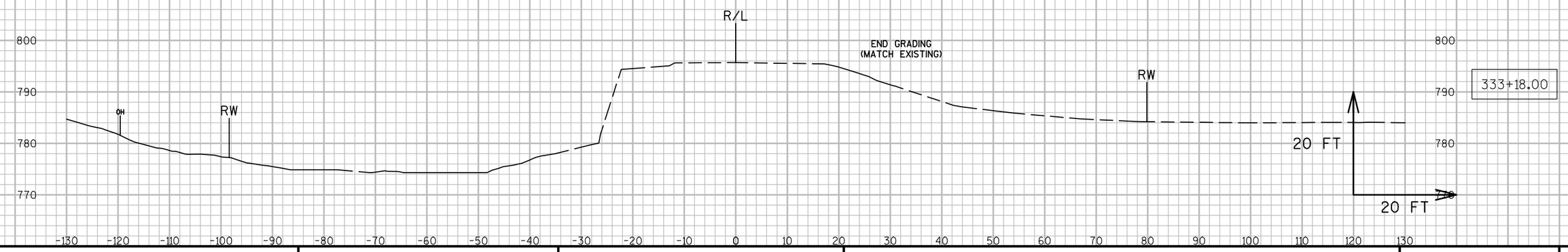
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090238_XS.DWG PLOT DATE : 3/28/2016 4:02 PM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

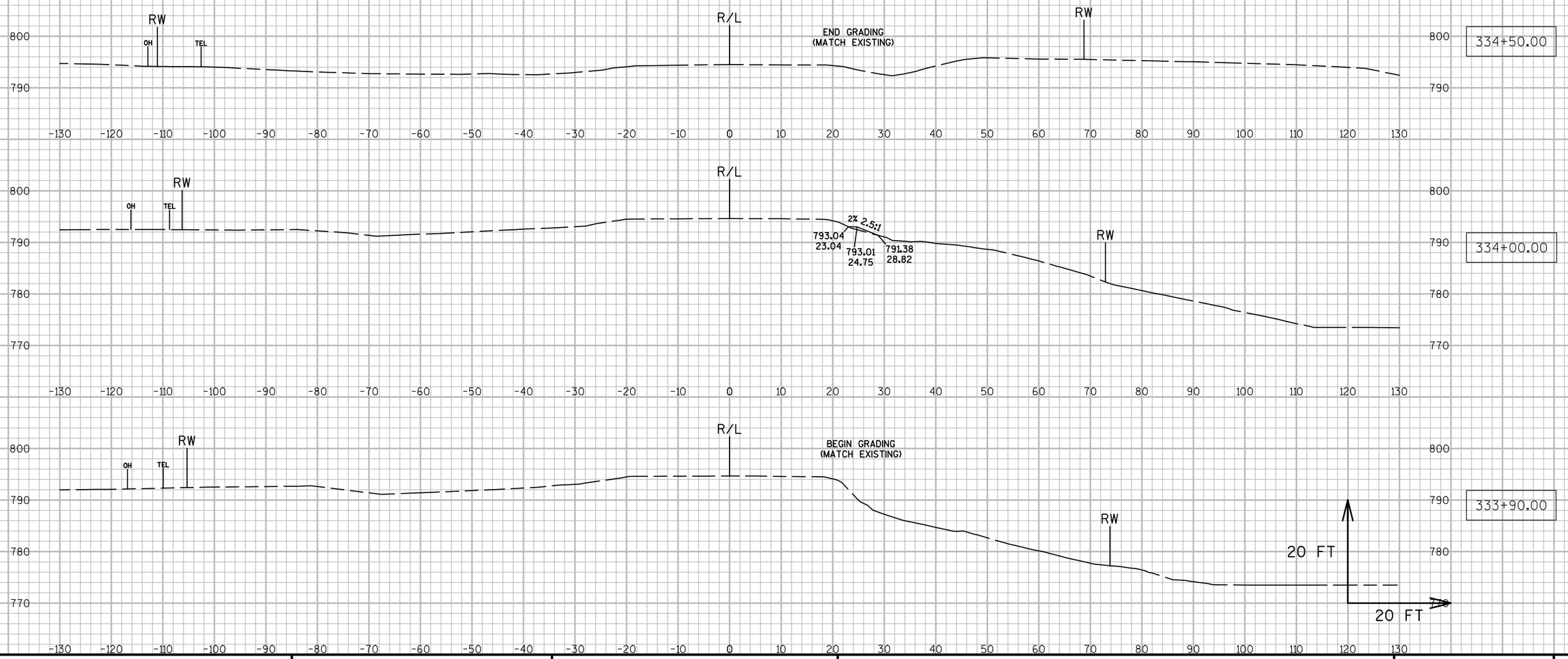


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

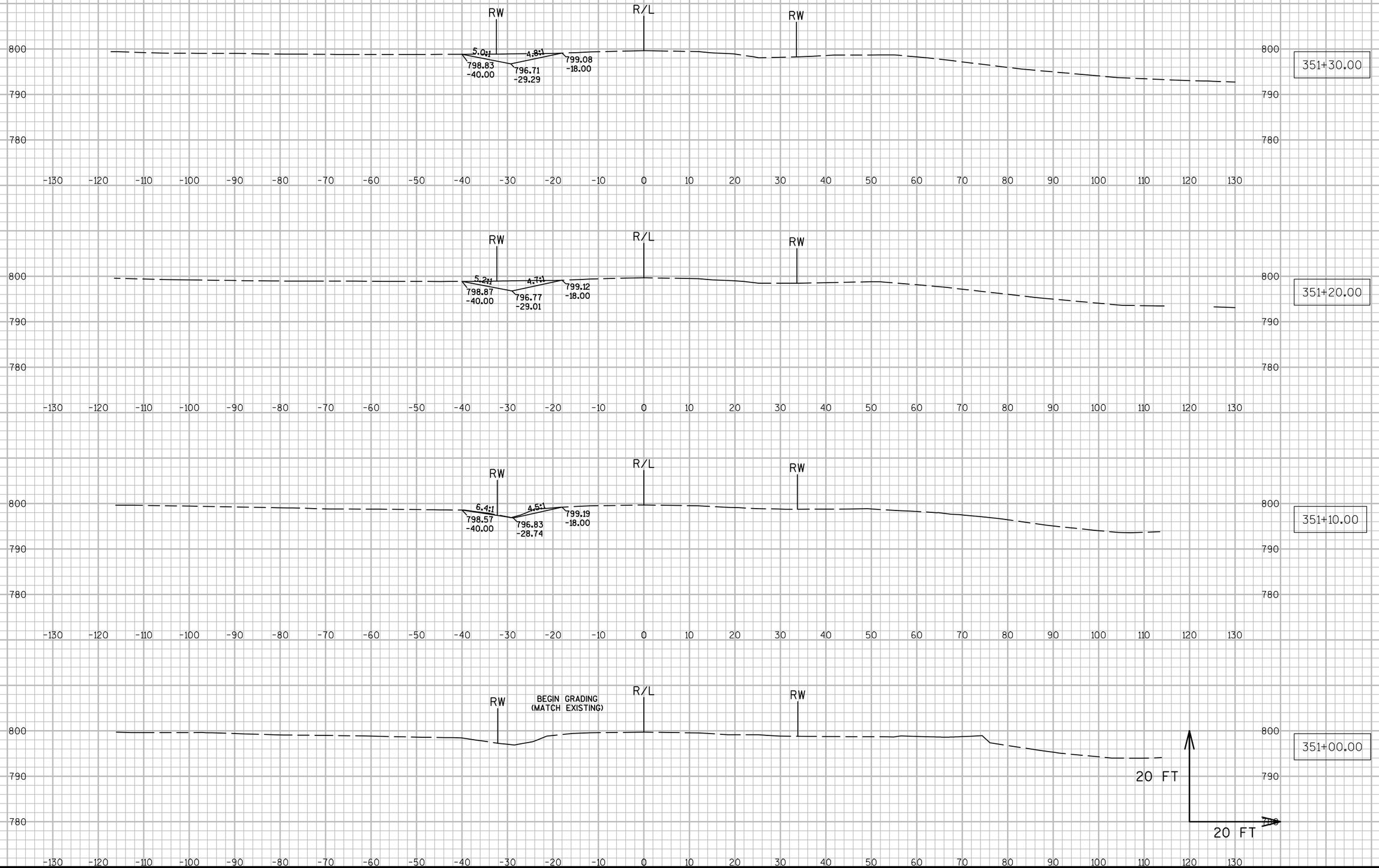
BEAM GUARD - POST *9, 334+53.91
BEAM GUARD - POST *5, 334+78.91
BEAM GUARD - POST *1, 335+03.91
NOT SHOWN - NO GRADING NEEDED

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

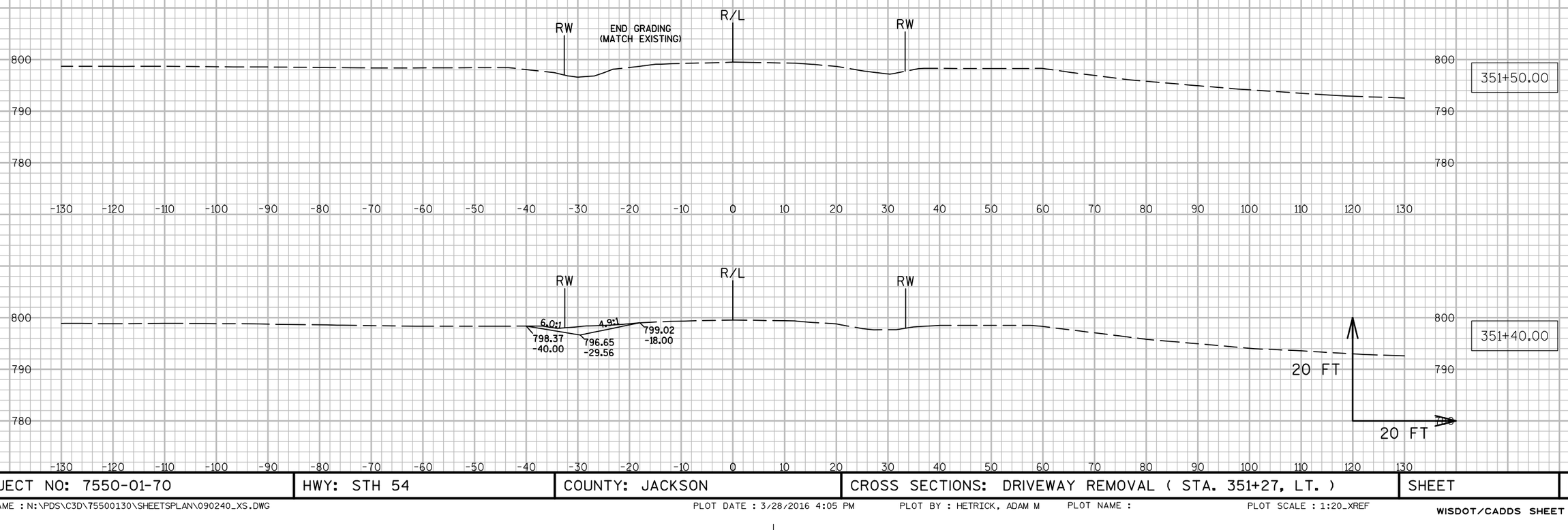


PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

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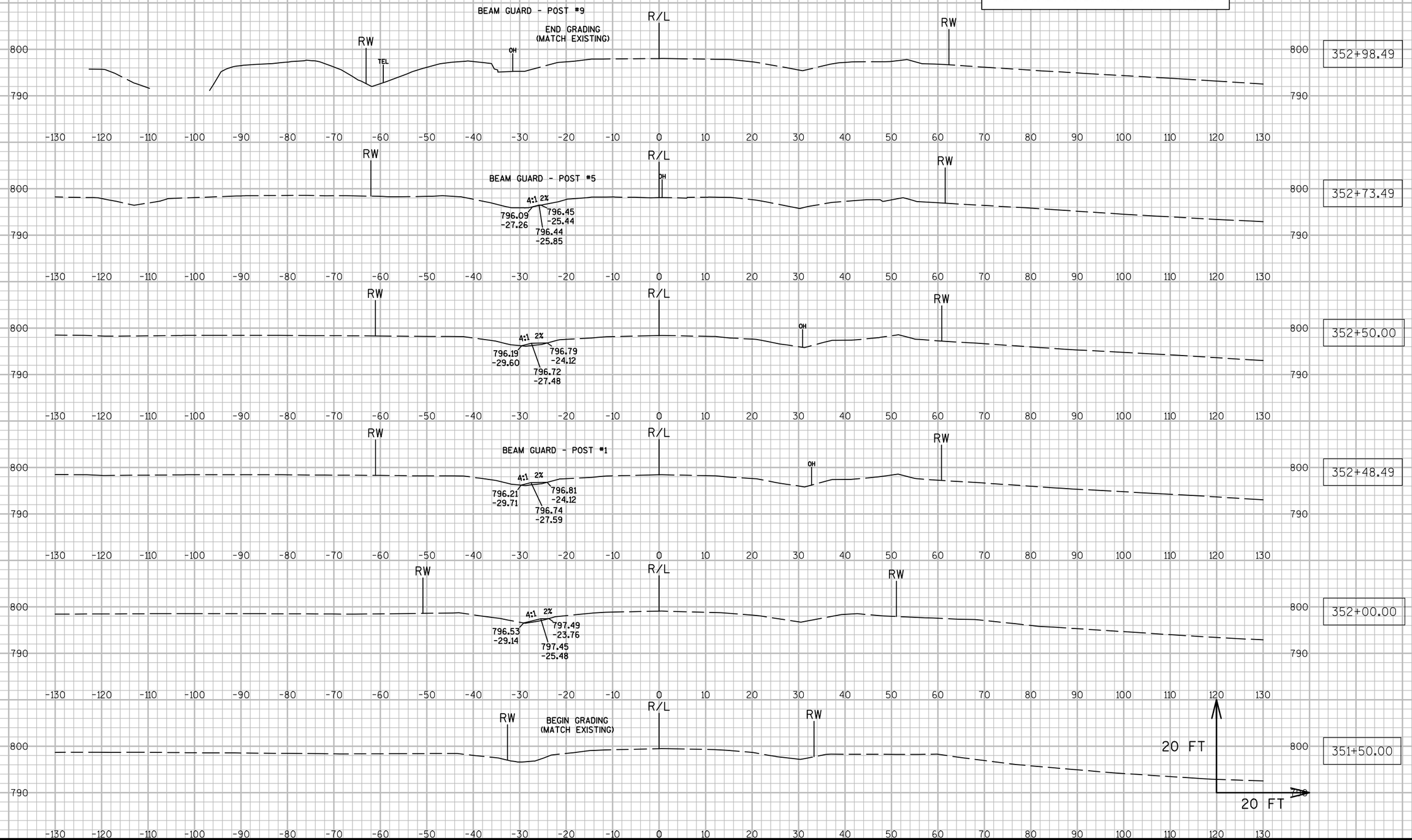


PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 351+27, LT.)	SHEET	E



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 351+27, LT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

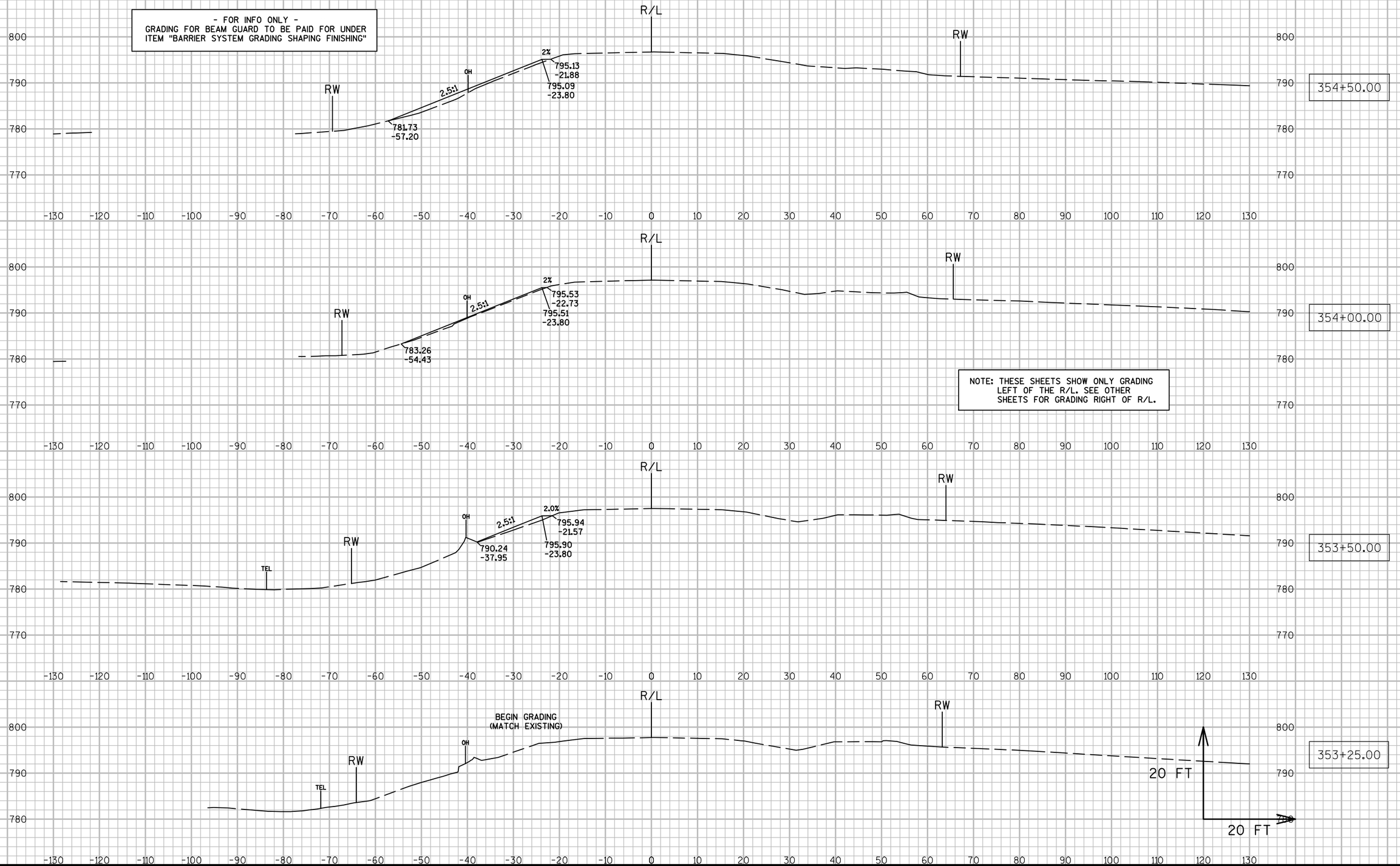


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

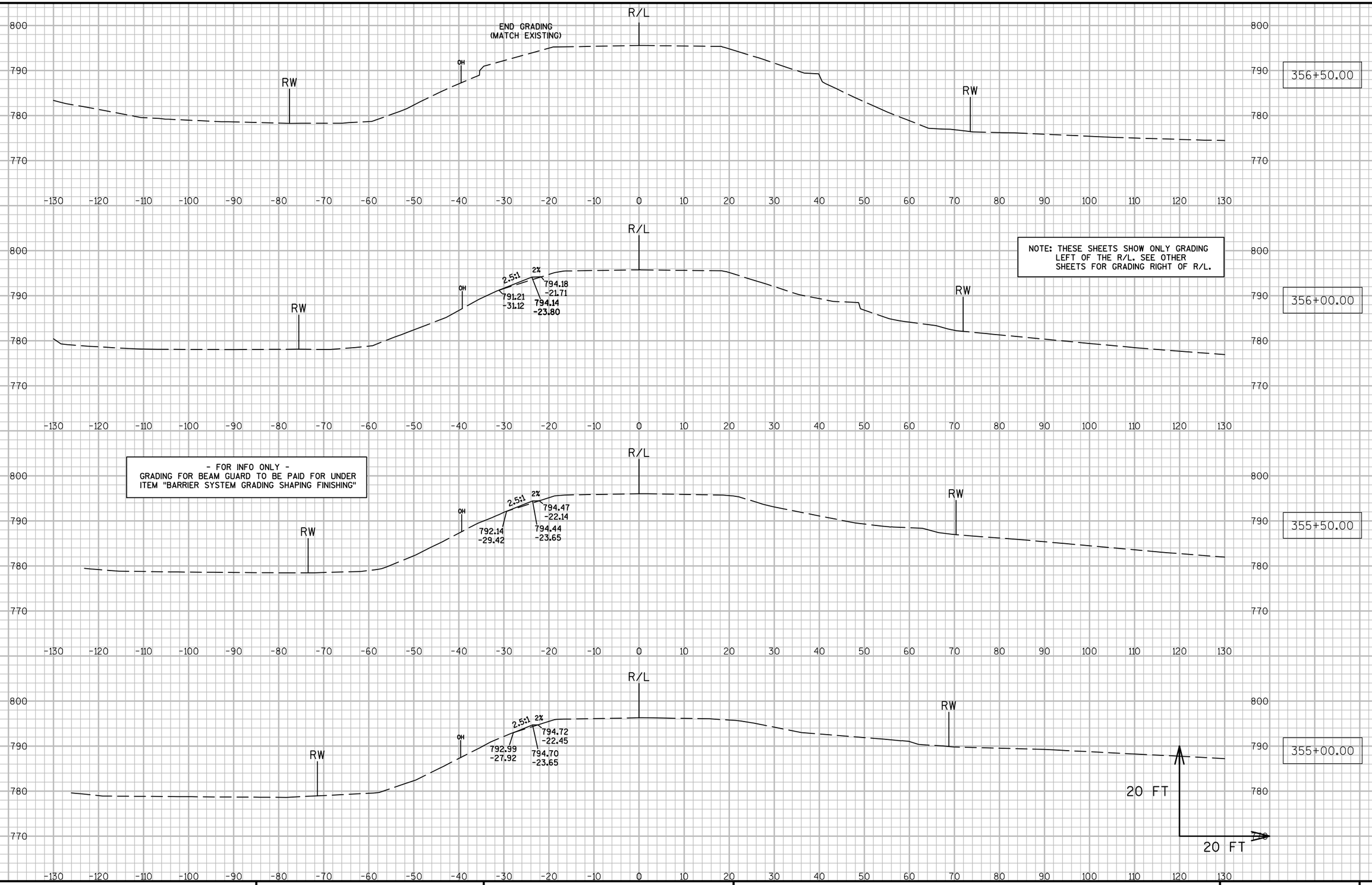
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- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

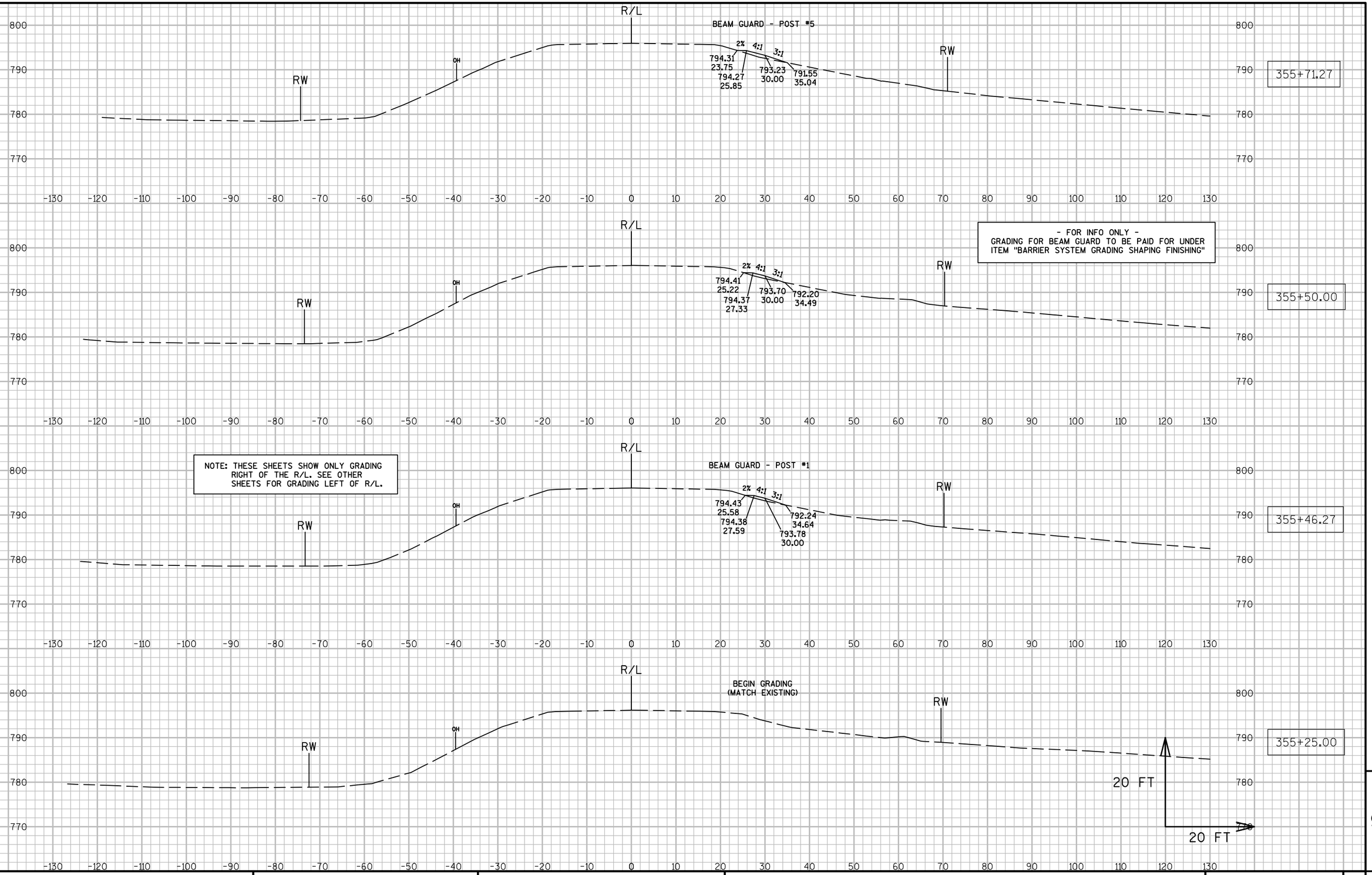


NOTE: THESE SHEETS SHOW ONLY GRADING LEFT OF THE R/L. SEE OTHER SHEETS FOR GRADING RIGHT OF R/L.

PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

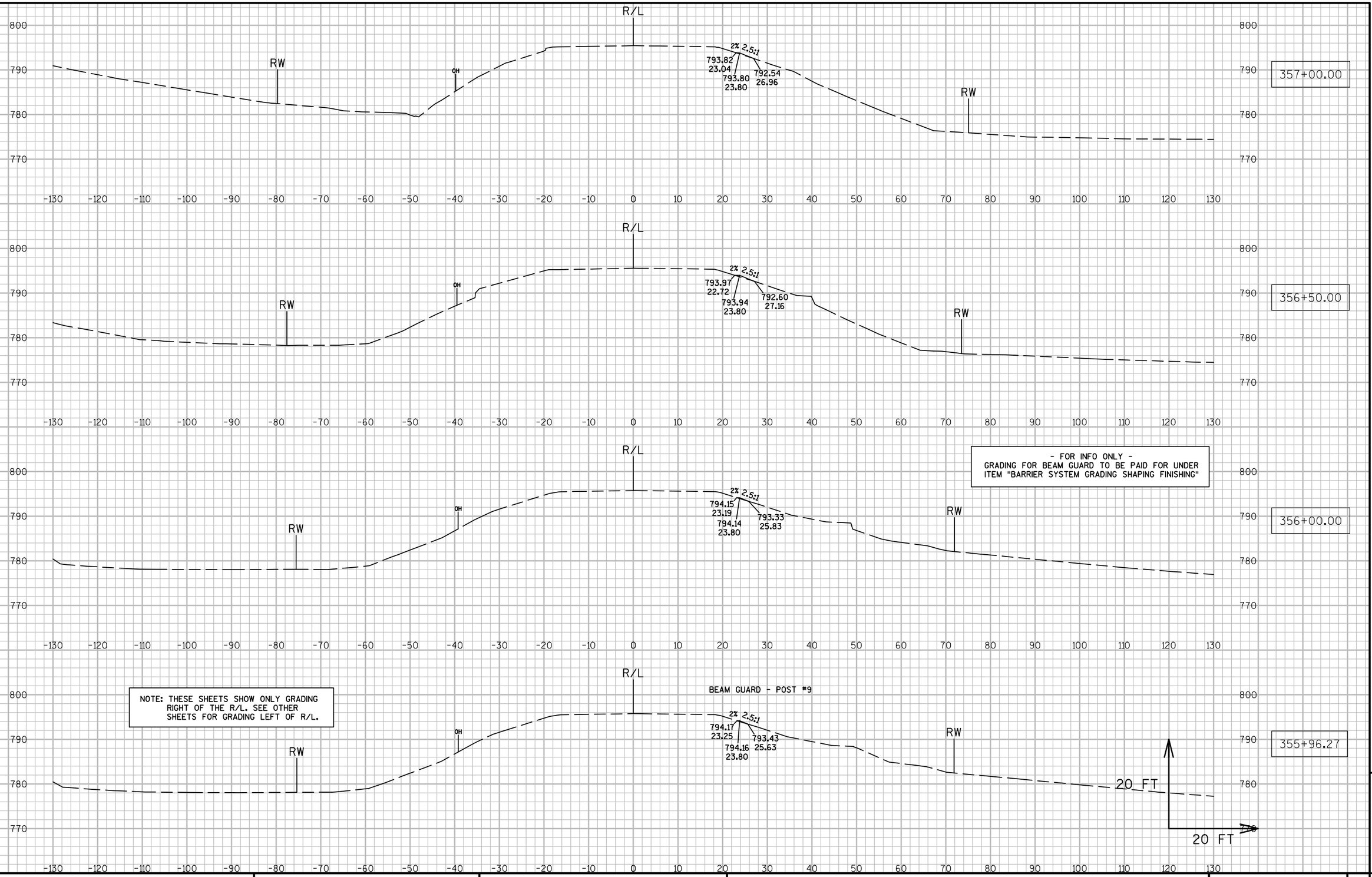


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

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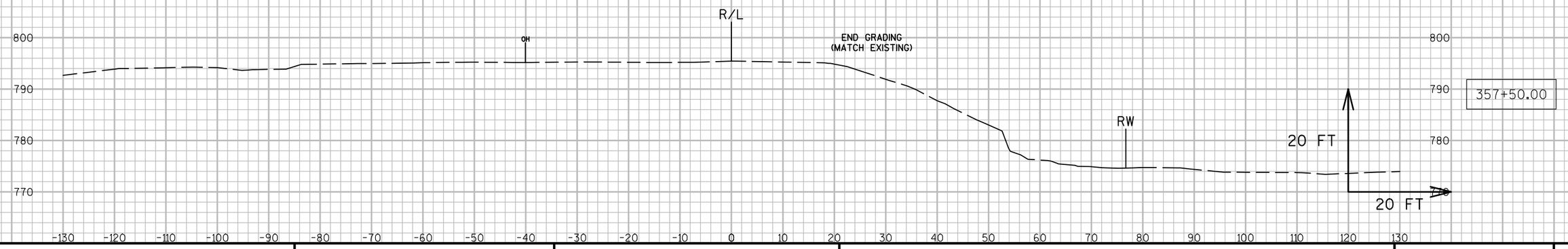
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.

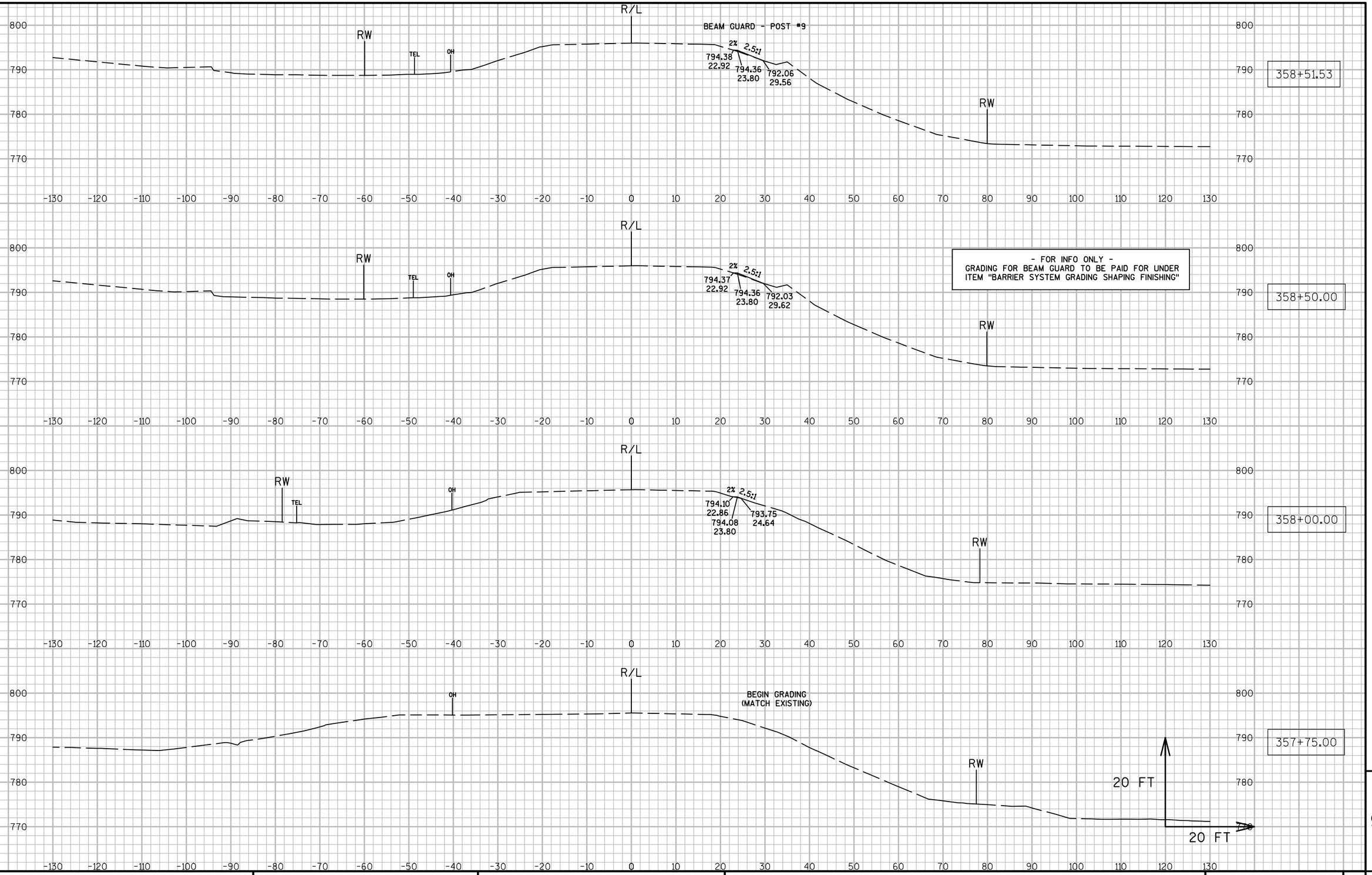
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



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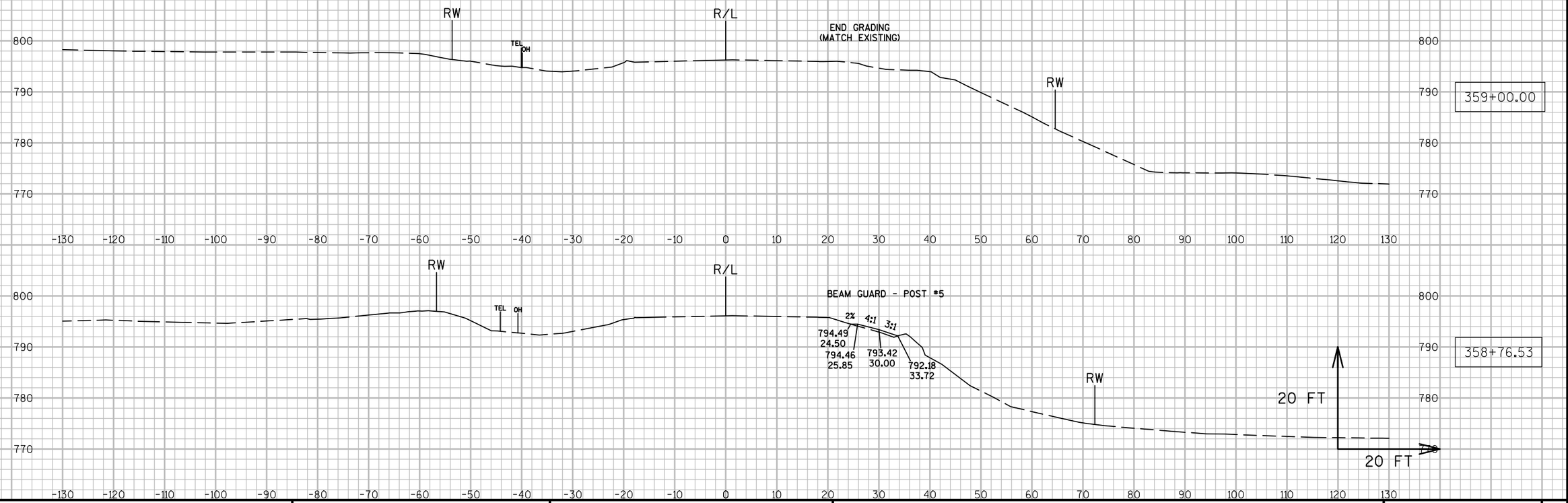
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

BEAM GUARD - POST #1, 359+01.53
NOT SHOWN - NO GRADING NEEDED

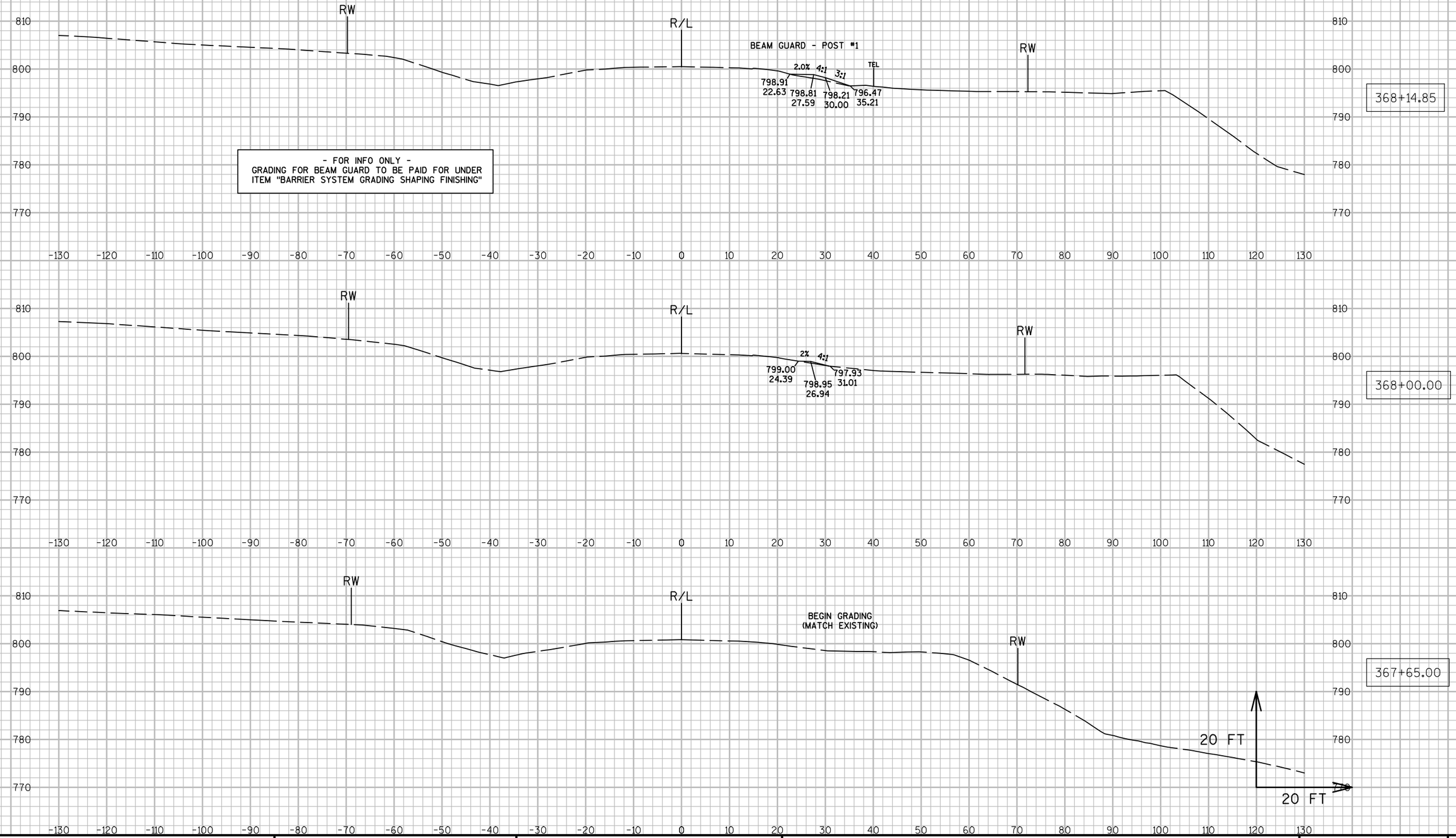
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E



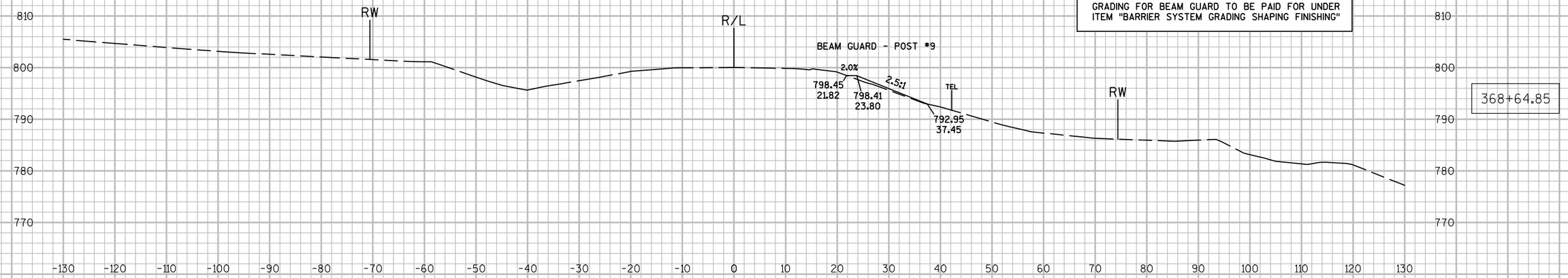
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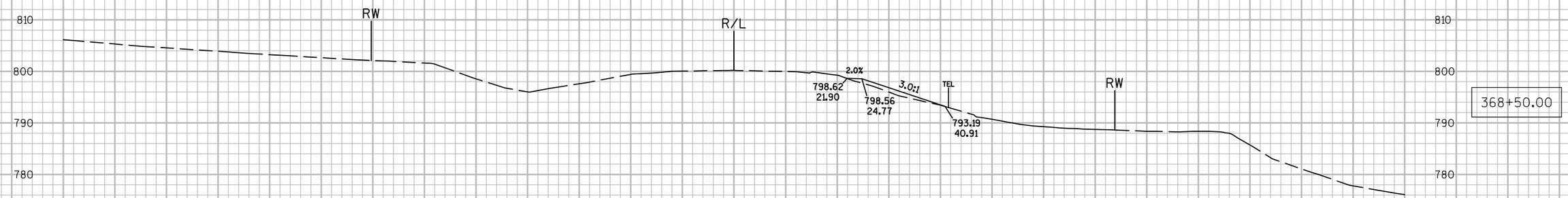
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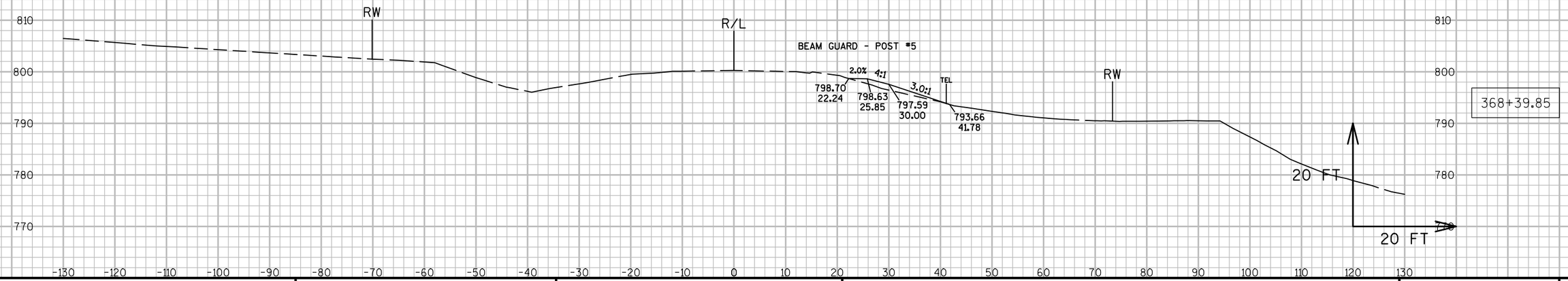
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



368+64.85



368+50.00



368+39.85

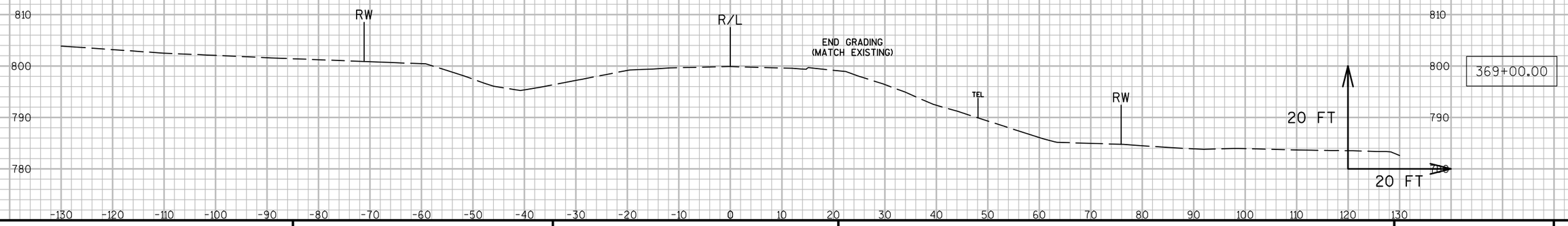
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

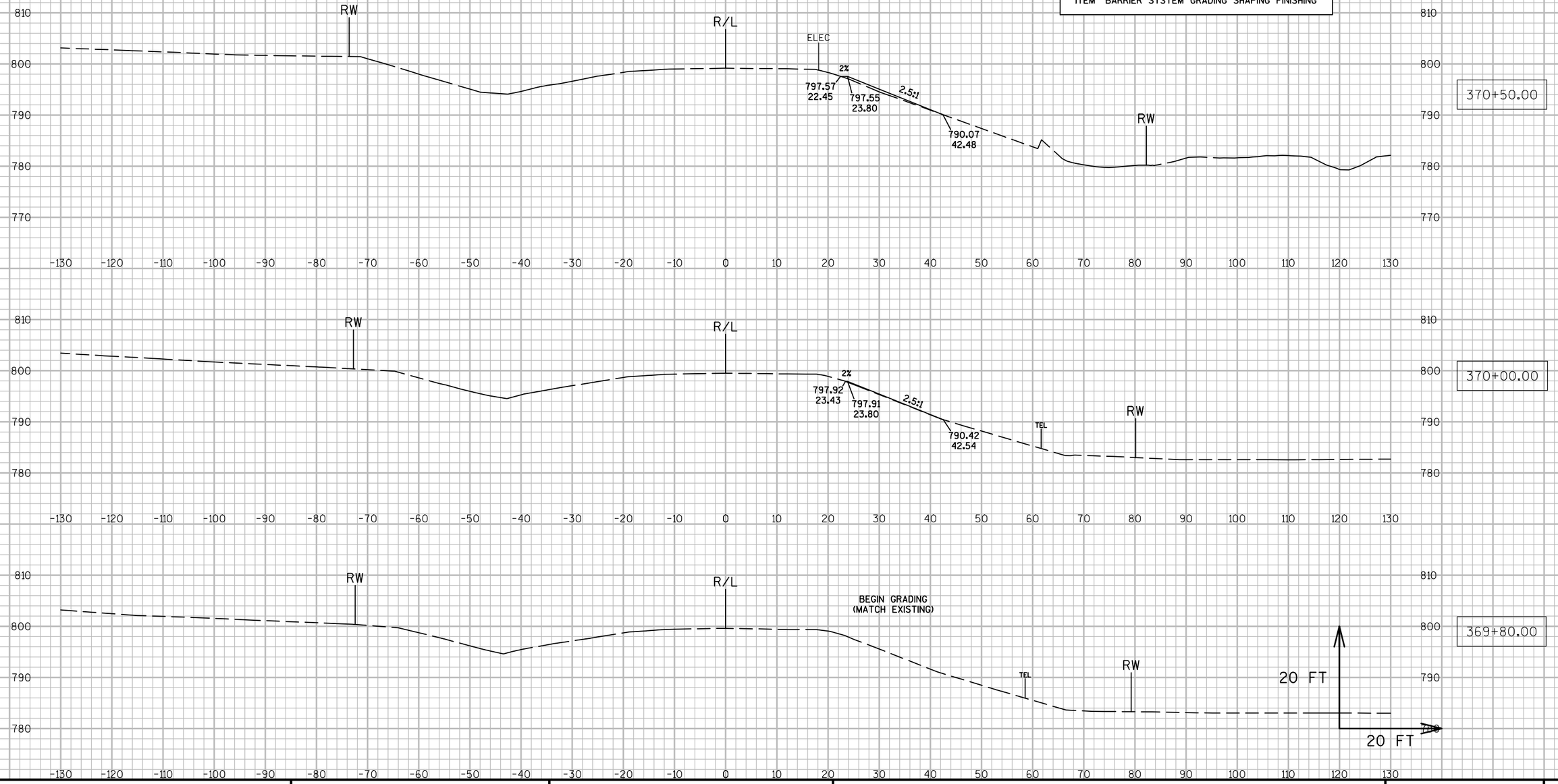
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- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



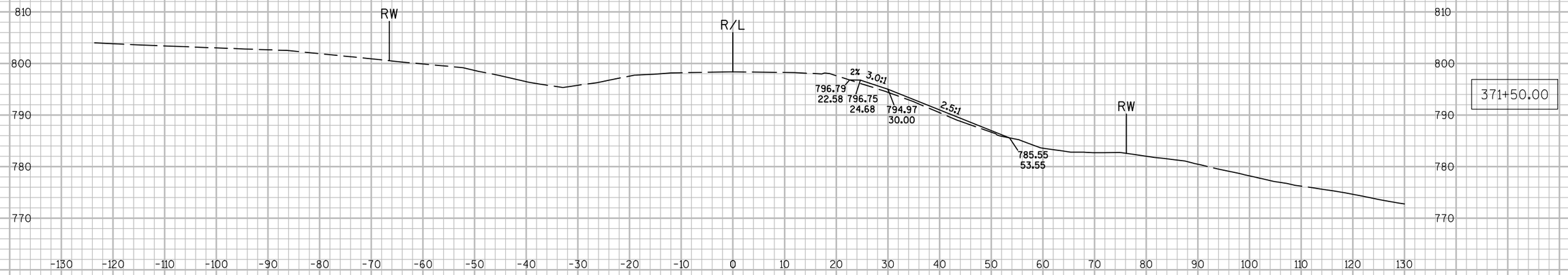
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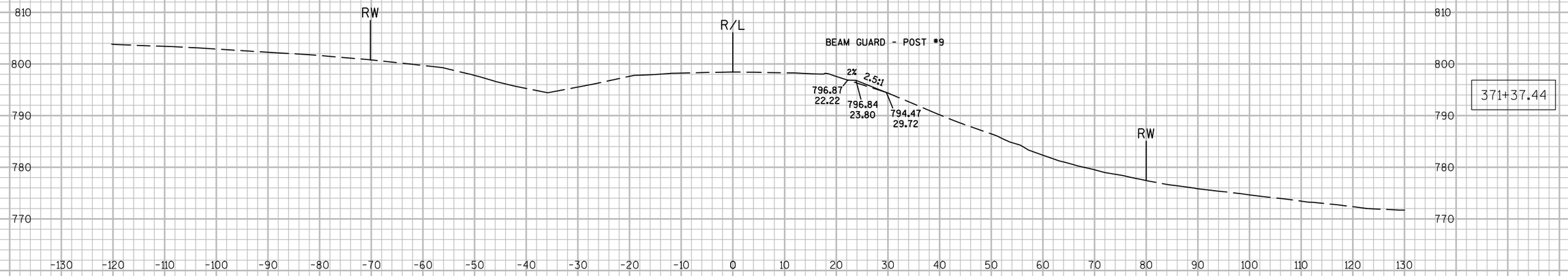
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

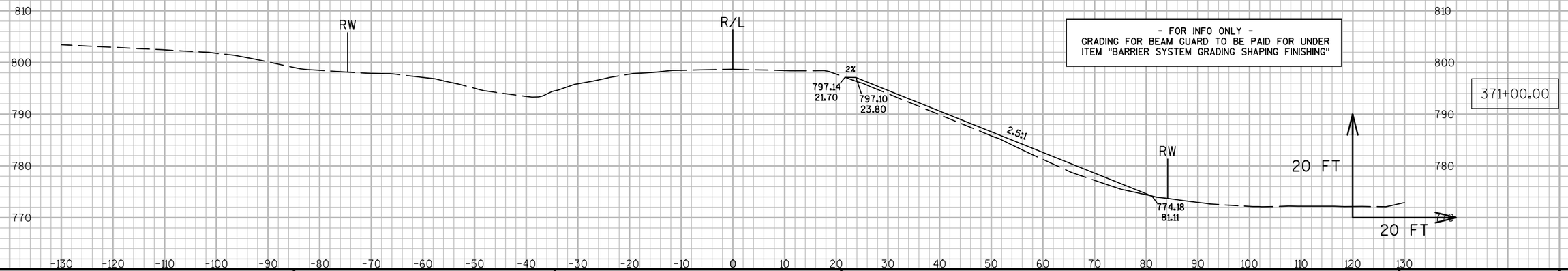


PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

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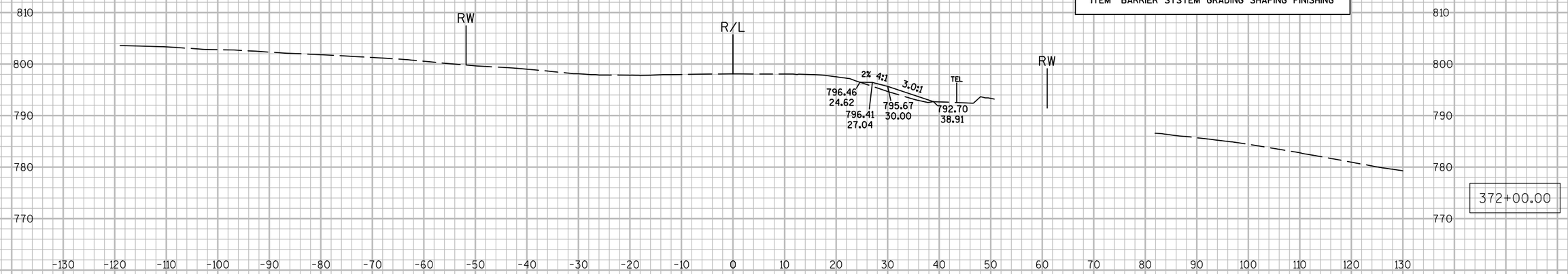


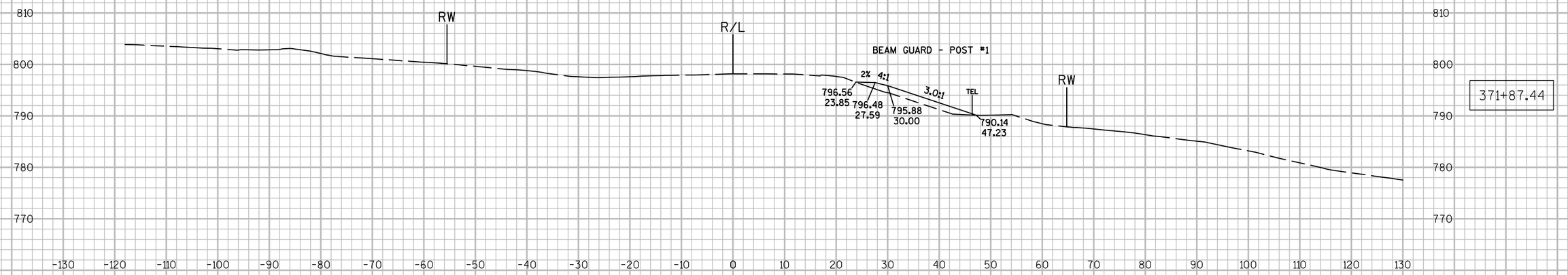
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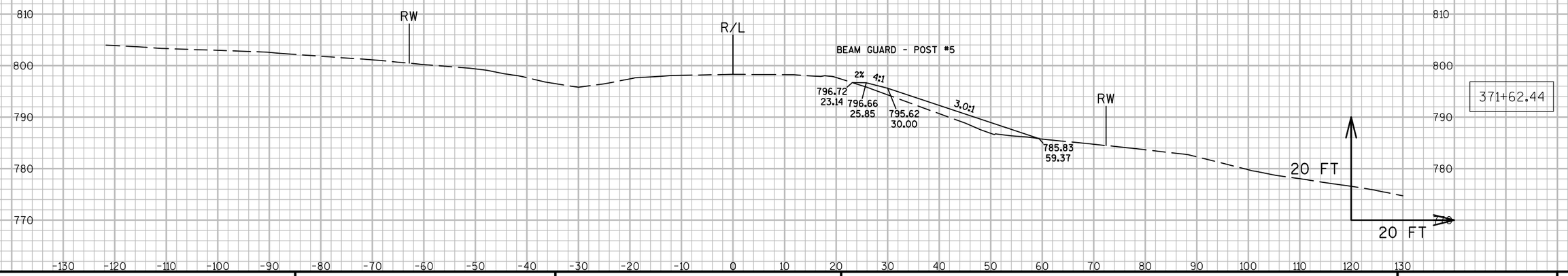
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"





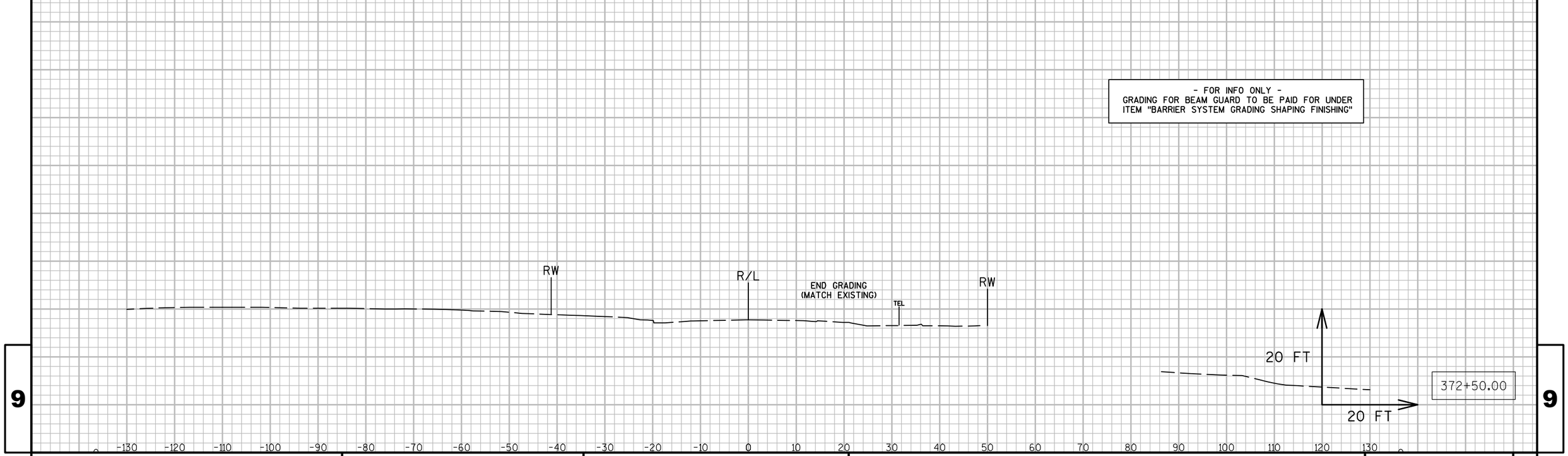


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

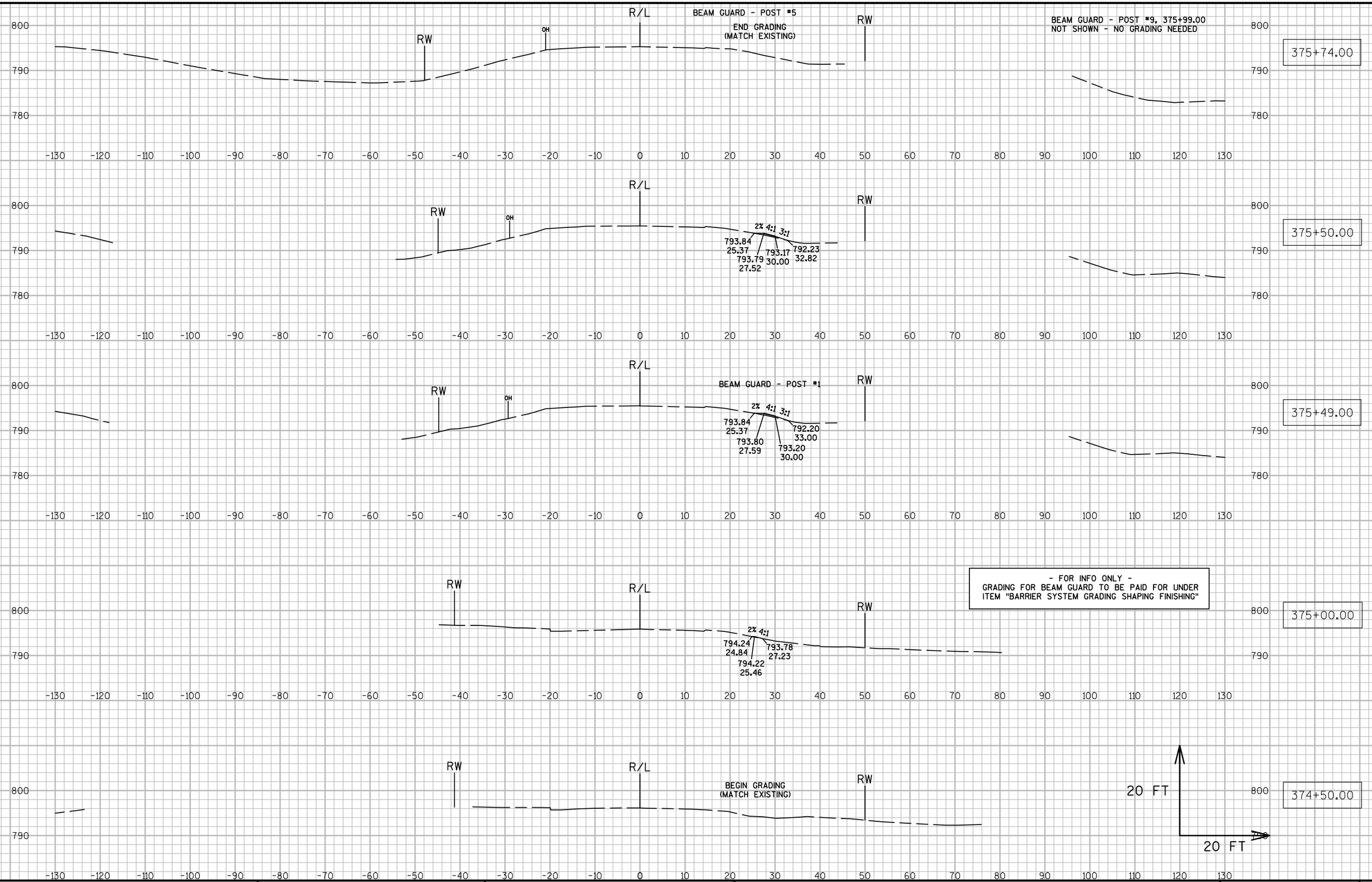


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

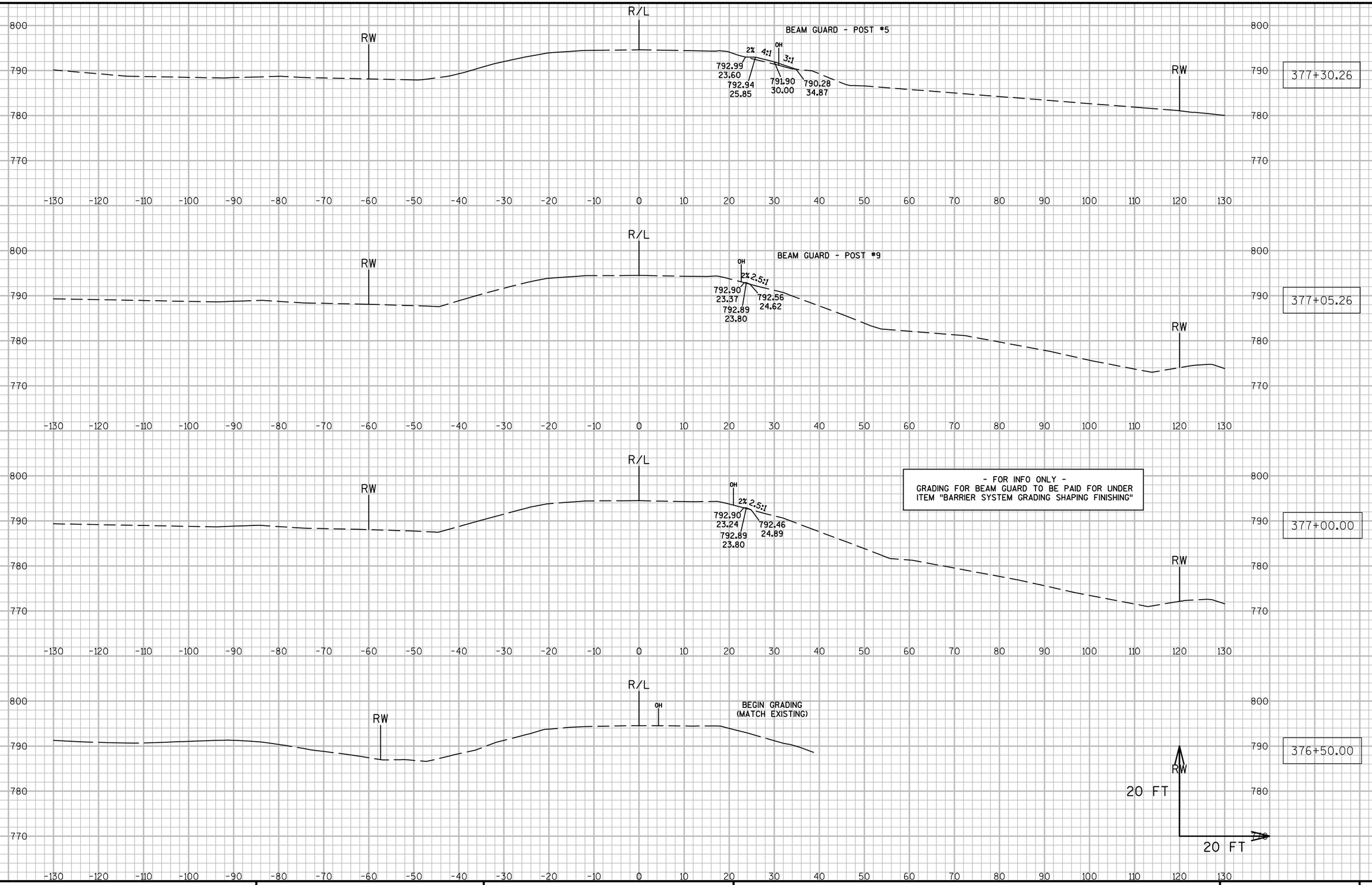
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

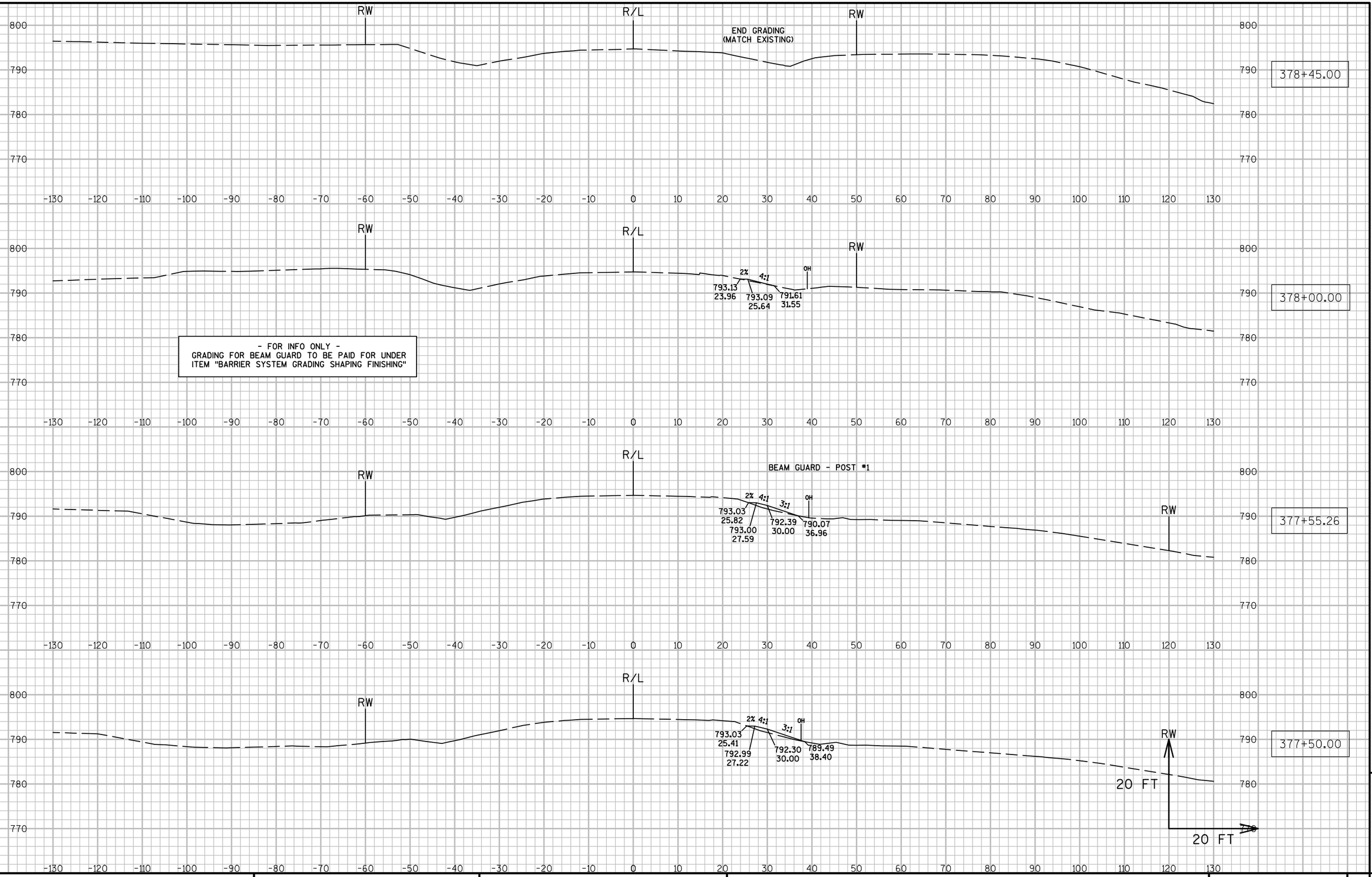
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WISDOT/CADDS SHEET 49



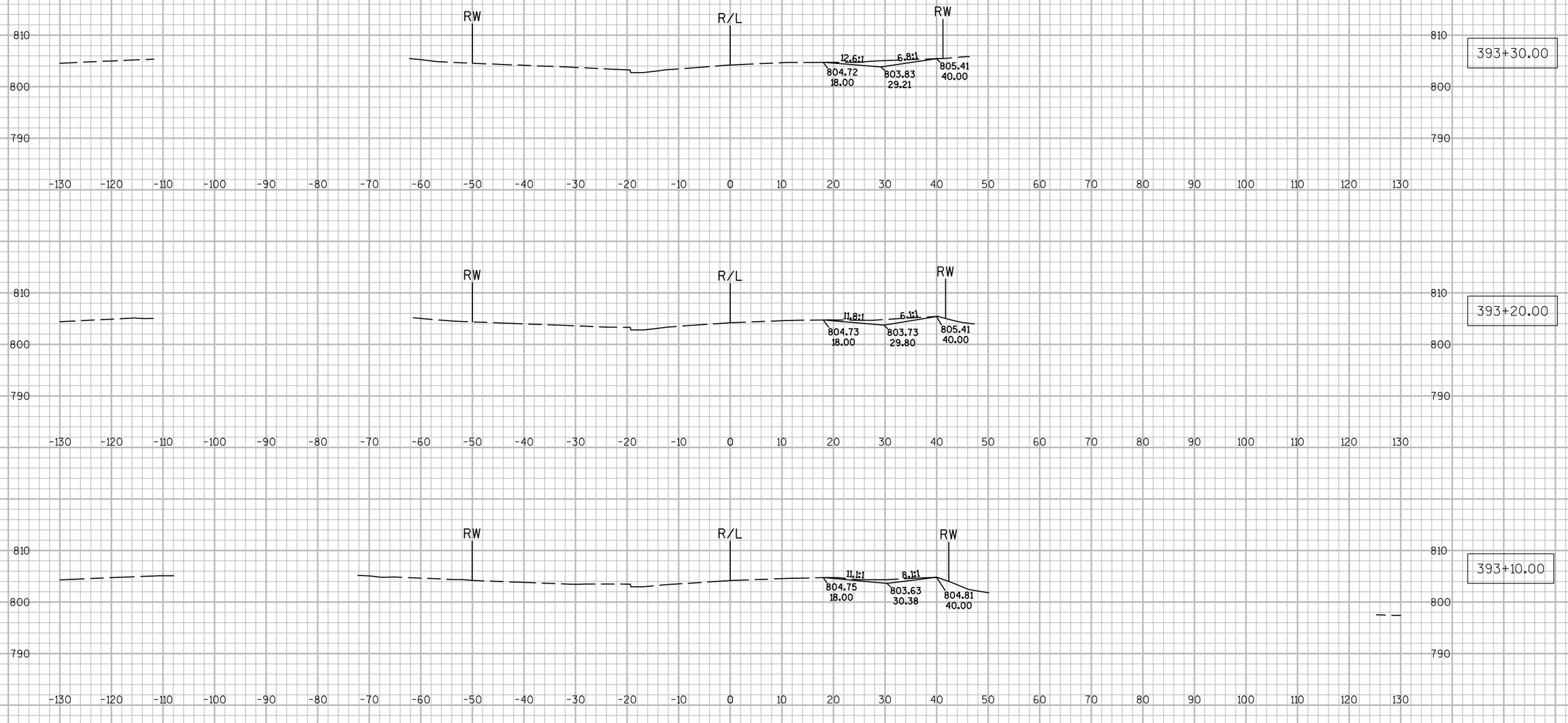
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FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090249_XS.DWG PLOT DATE : 3/29/2016 7:38 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

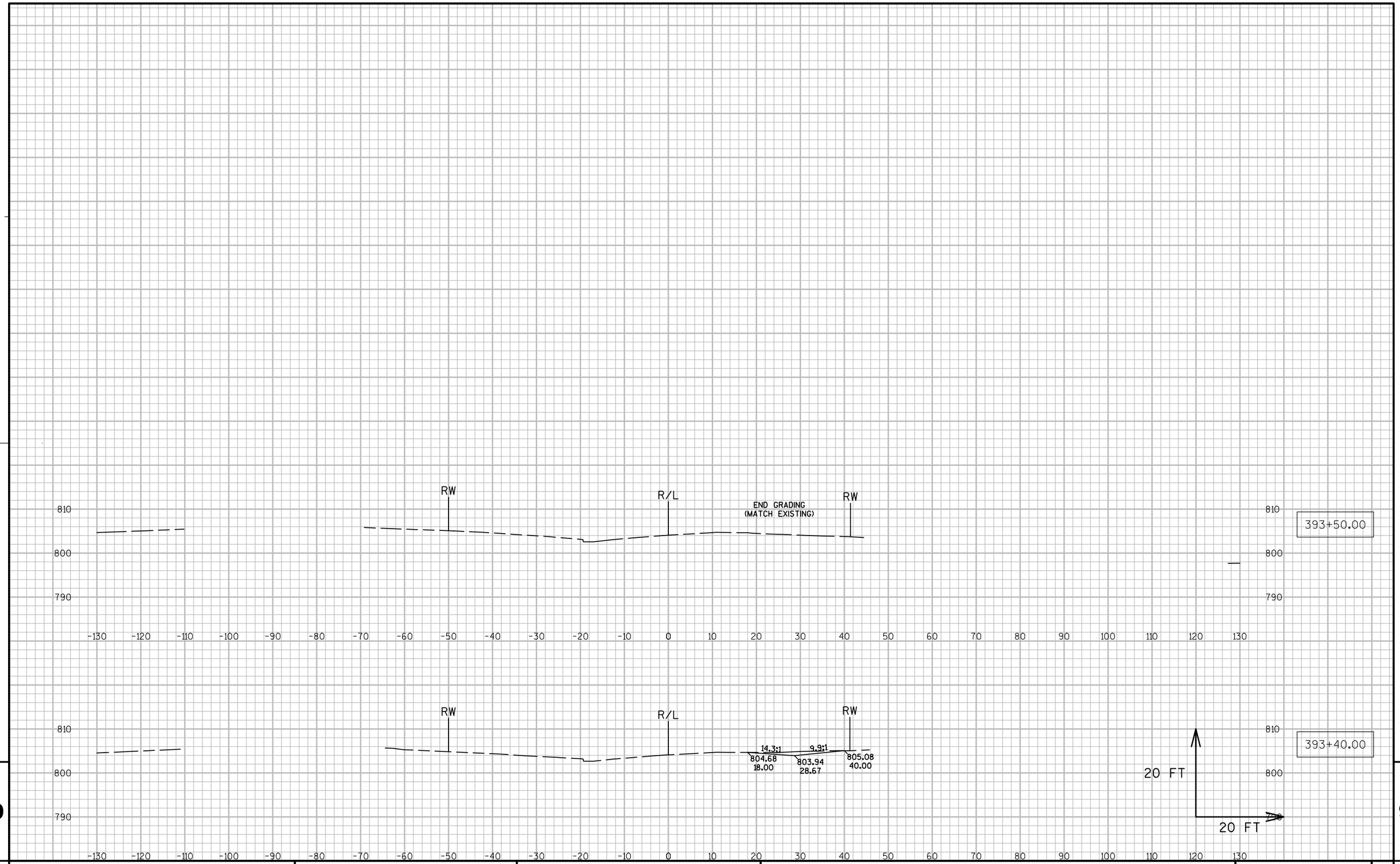
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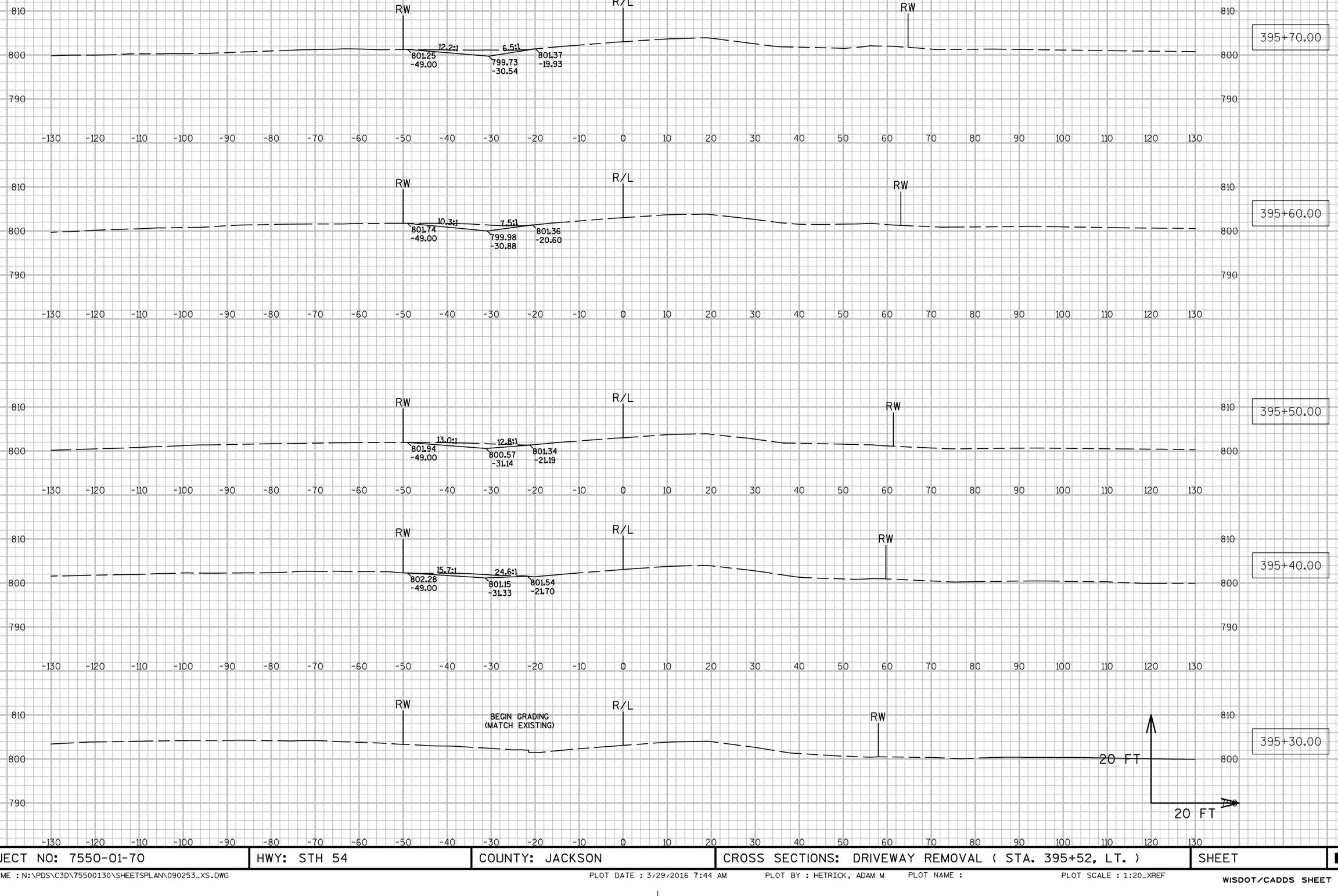
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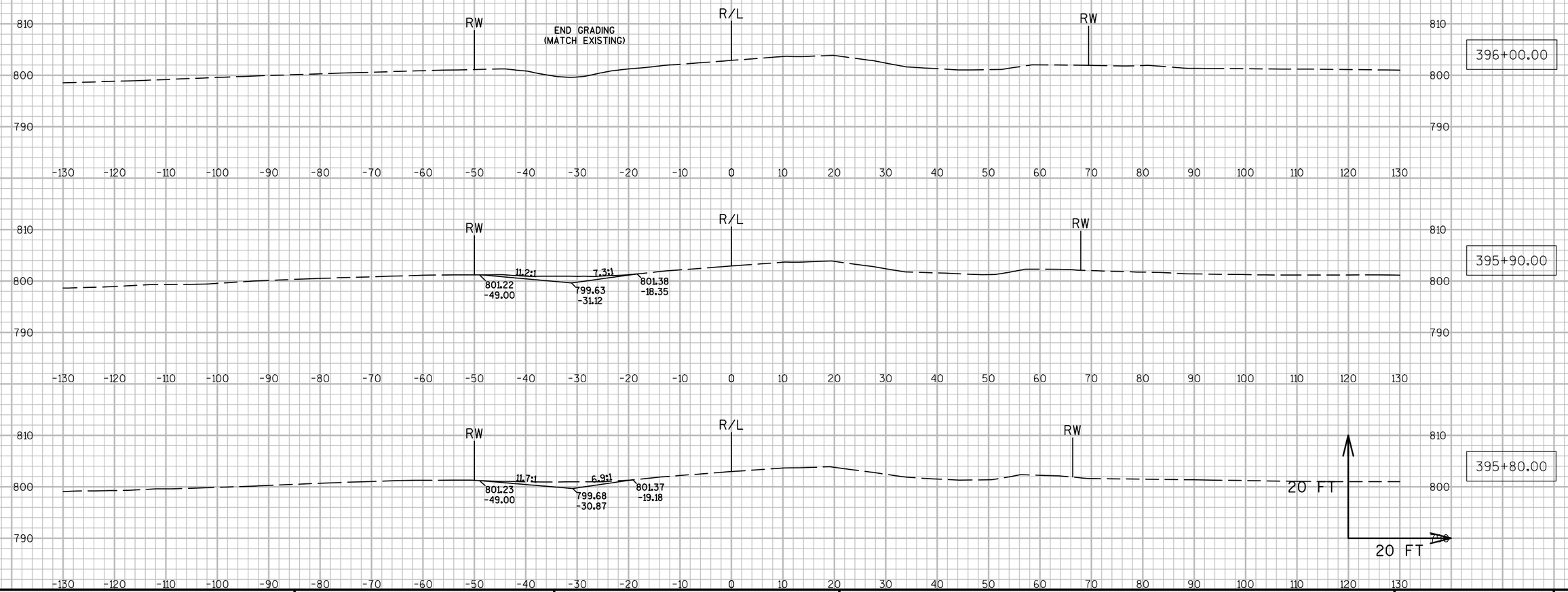
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 393+26, RT.)	SHEET	E

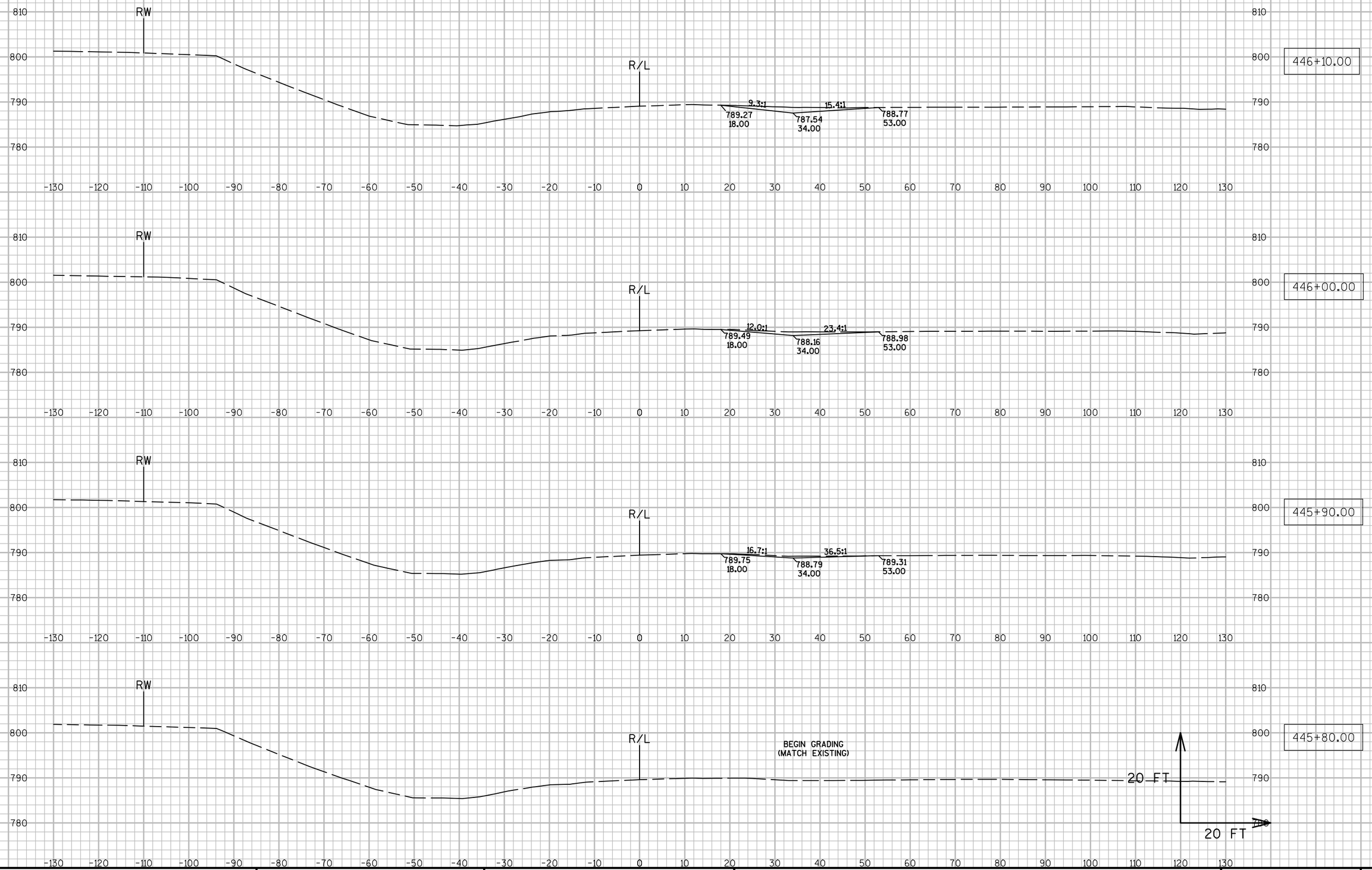


PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 395+52, LT.)	SHEET	E



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 395+52, LT.)	SHEET	E

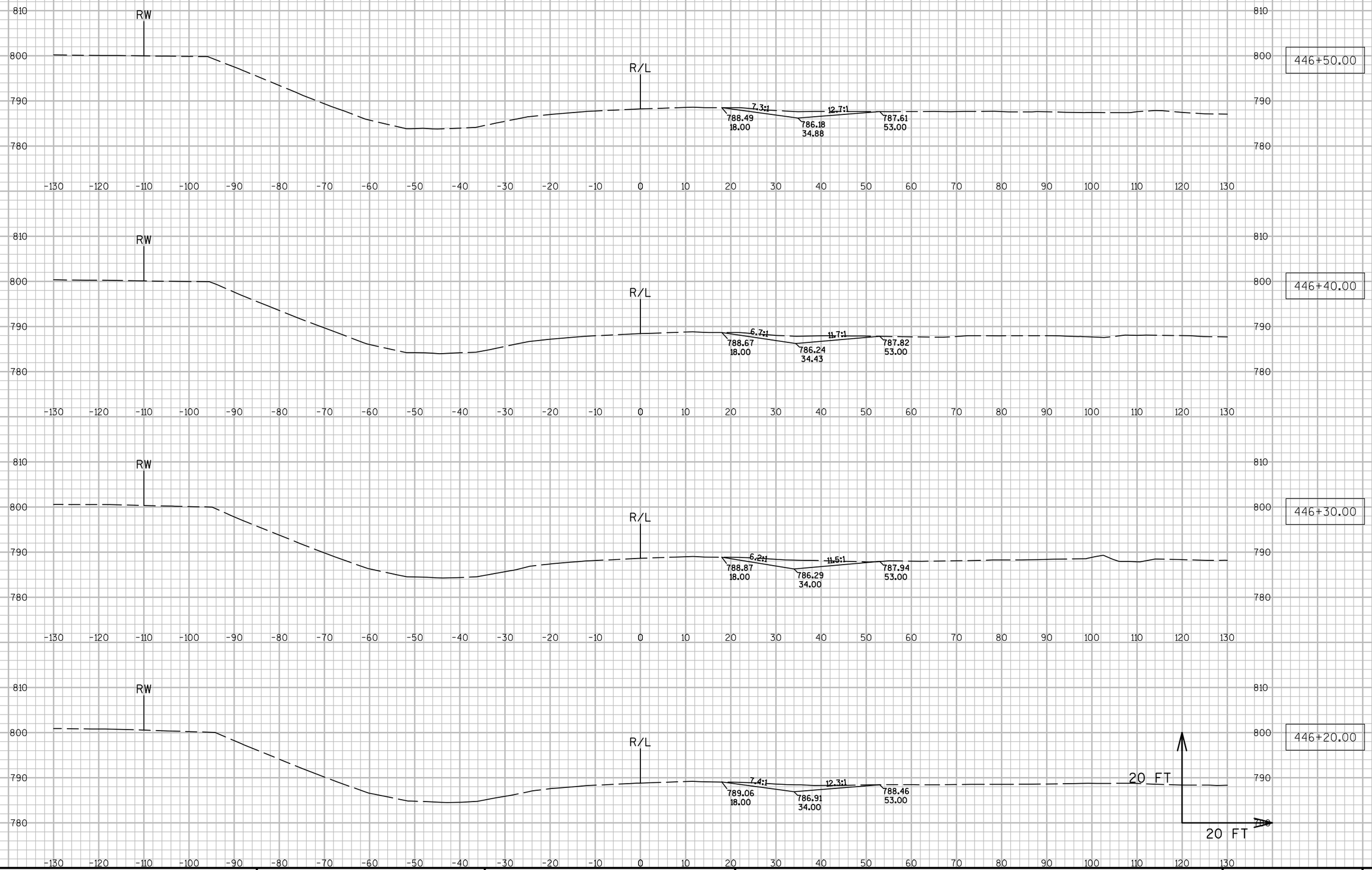
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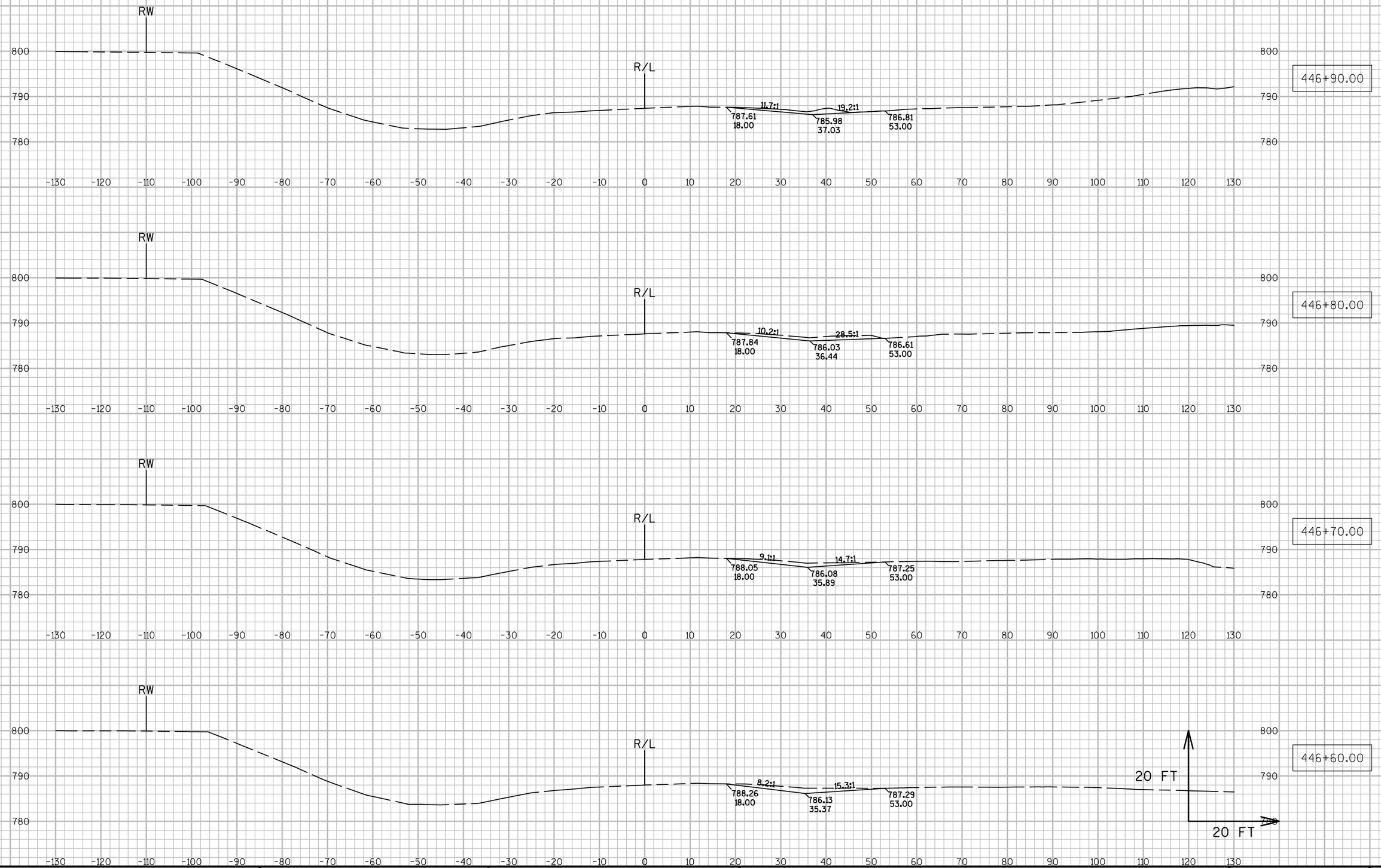
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 446+09, RT.)	SHEET	E



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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 446+09, RT.)	SHEET	E

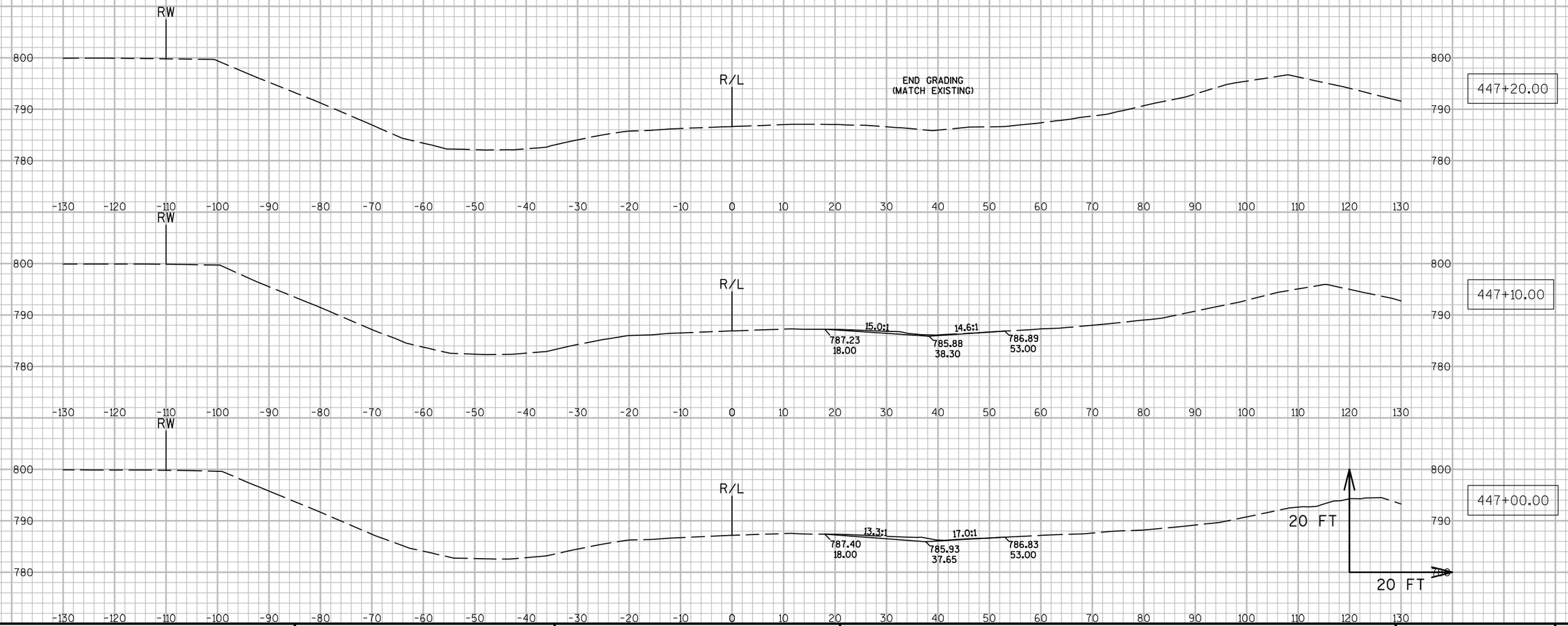


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 446+09, RT.)	SHEET	E

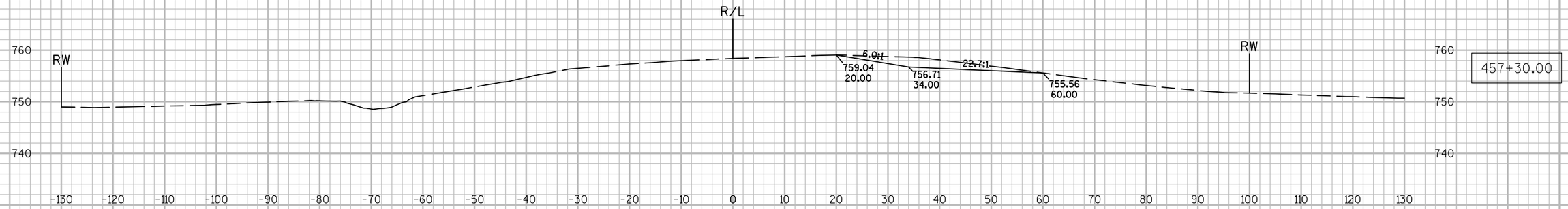
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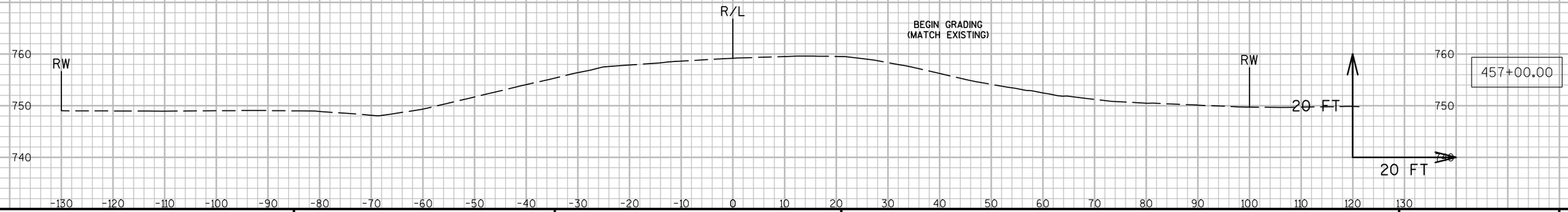
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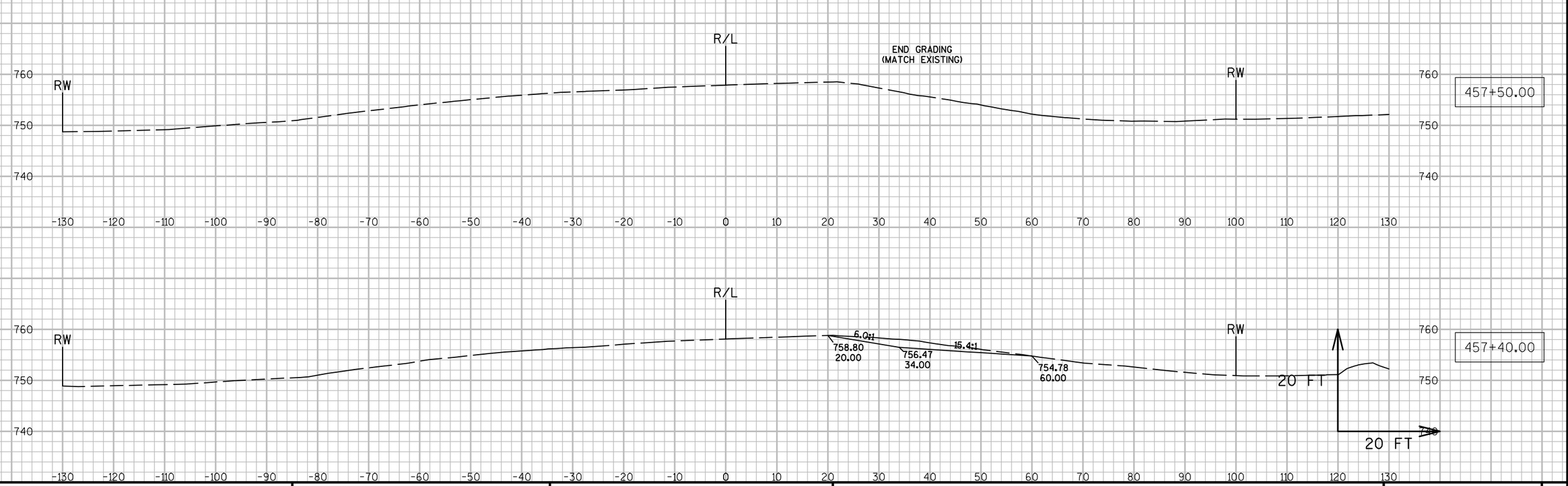


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 457+27, RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090256_XS.DWG PLOT DATE : 3/29/2016 7:48 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

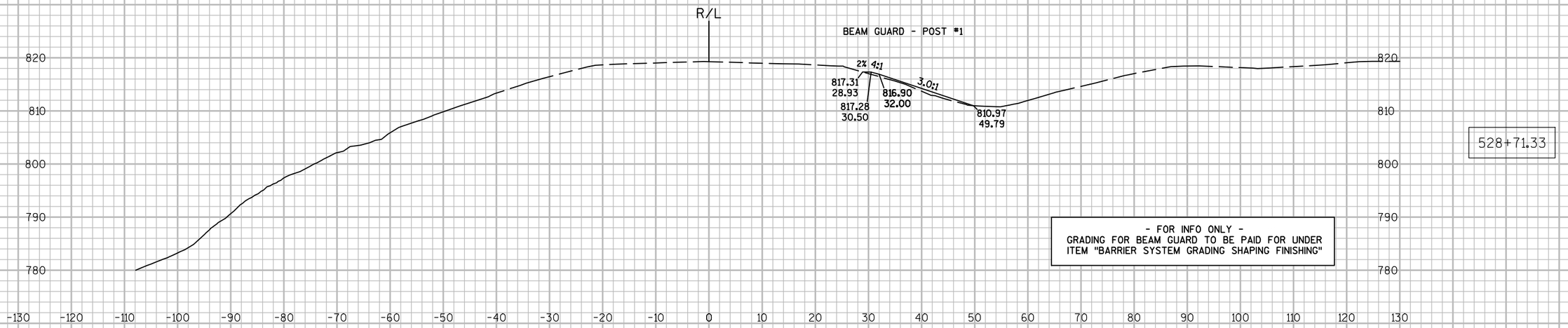


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 457+27, RT.)	SHEET	E

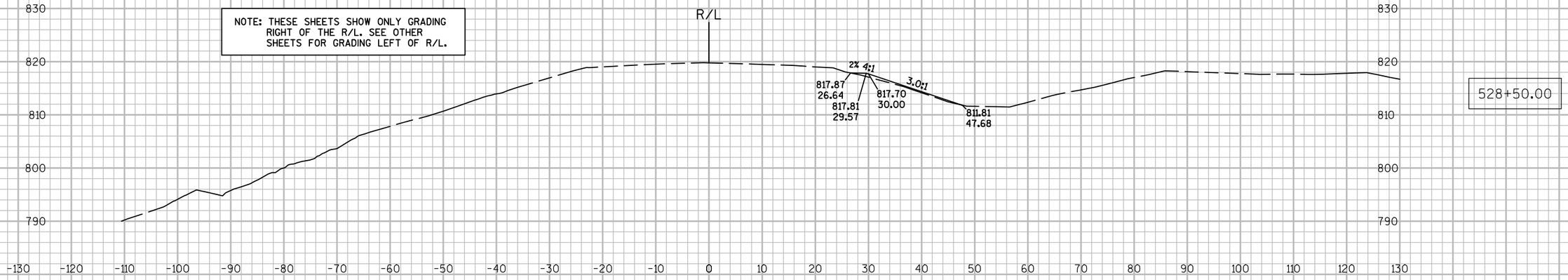
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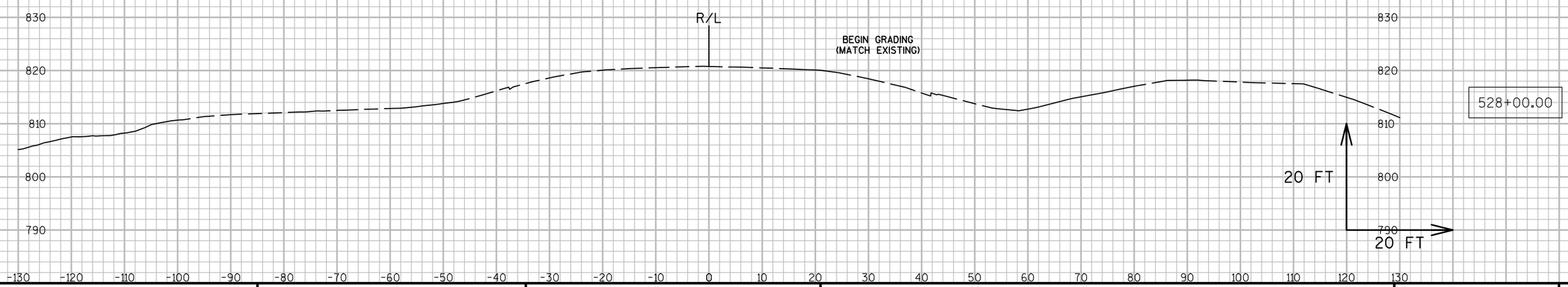
528+71.33

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.



528+50.00



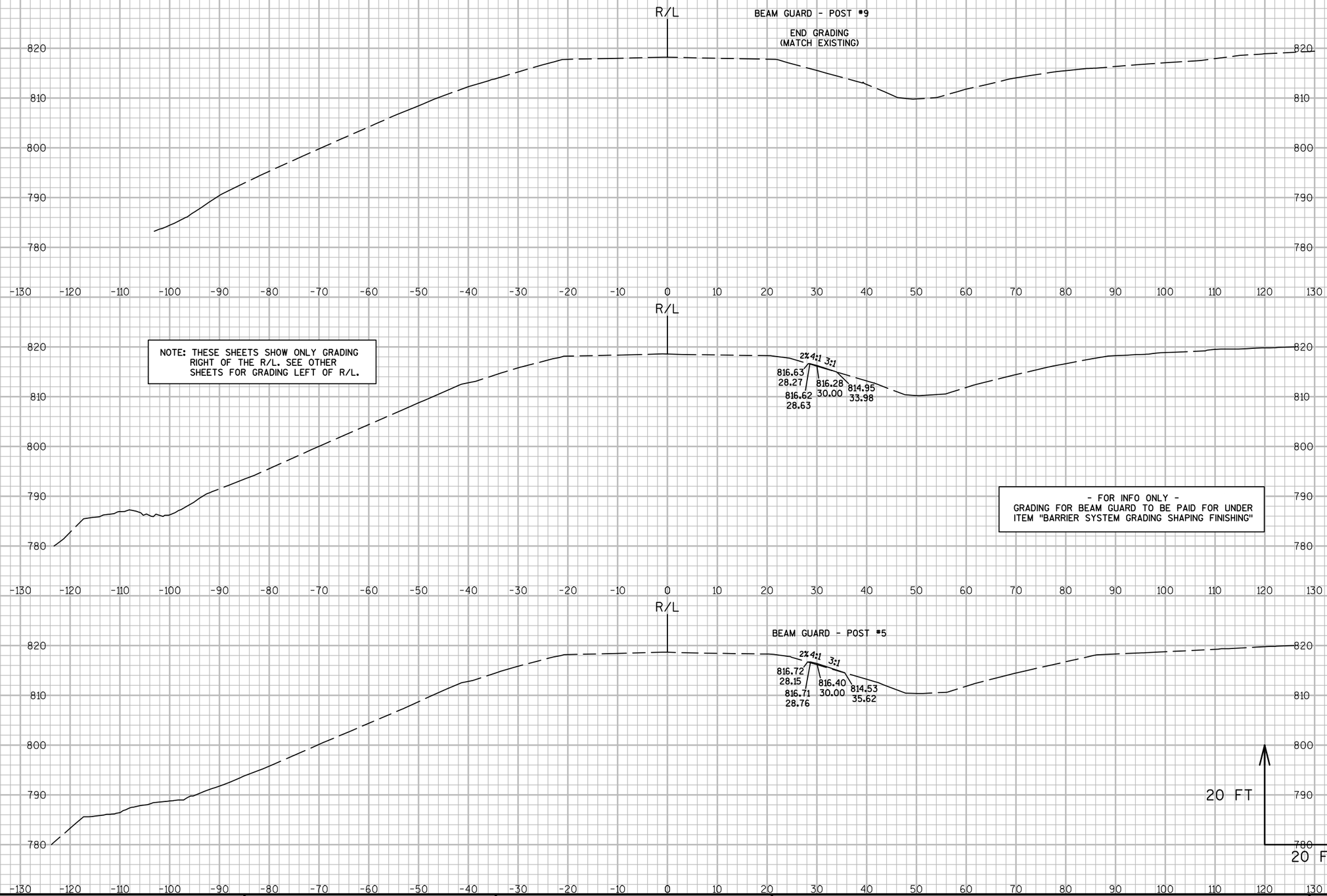
528+00.00

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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090258_XS.DWG PLOT DATE : 3/29/2016 7:52 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

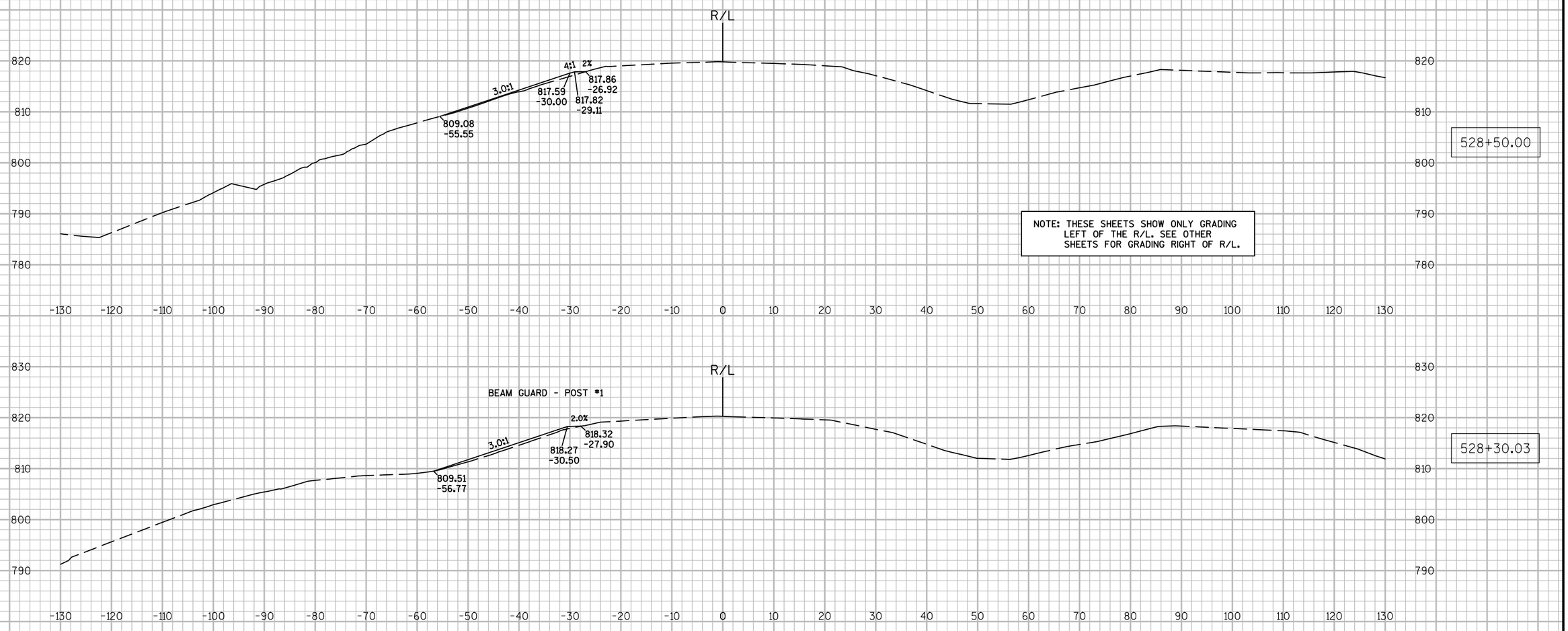


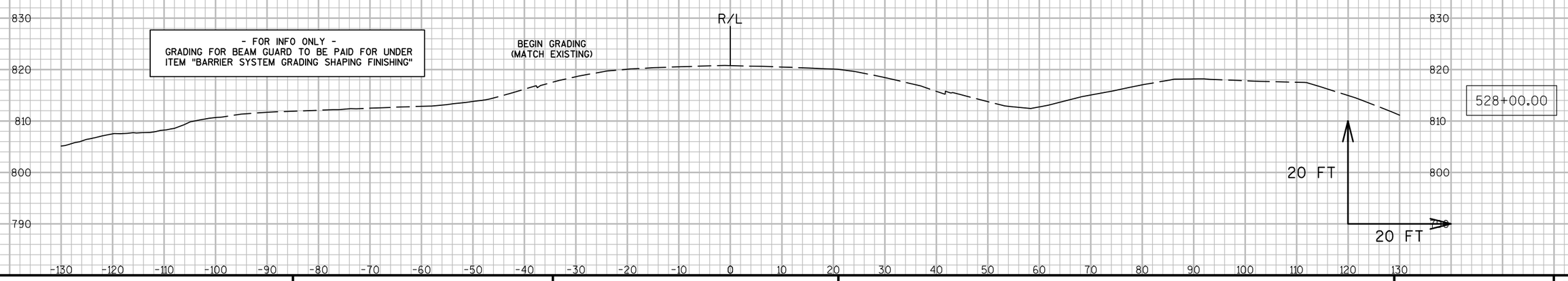
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090258_XS.DWG PLOT DATE : 3/29/2016 7:55 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



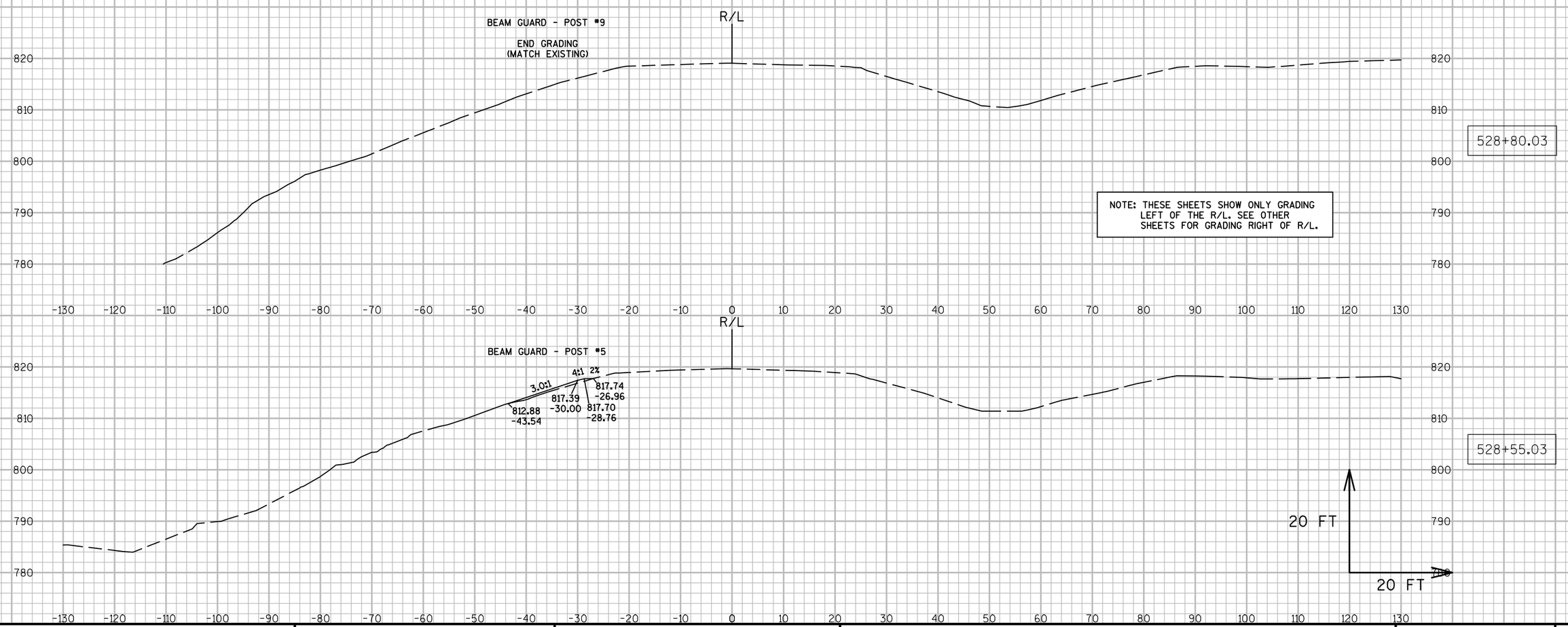


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET E

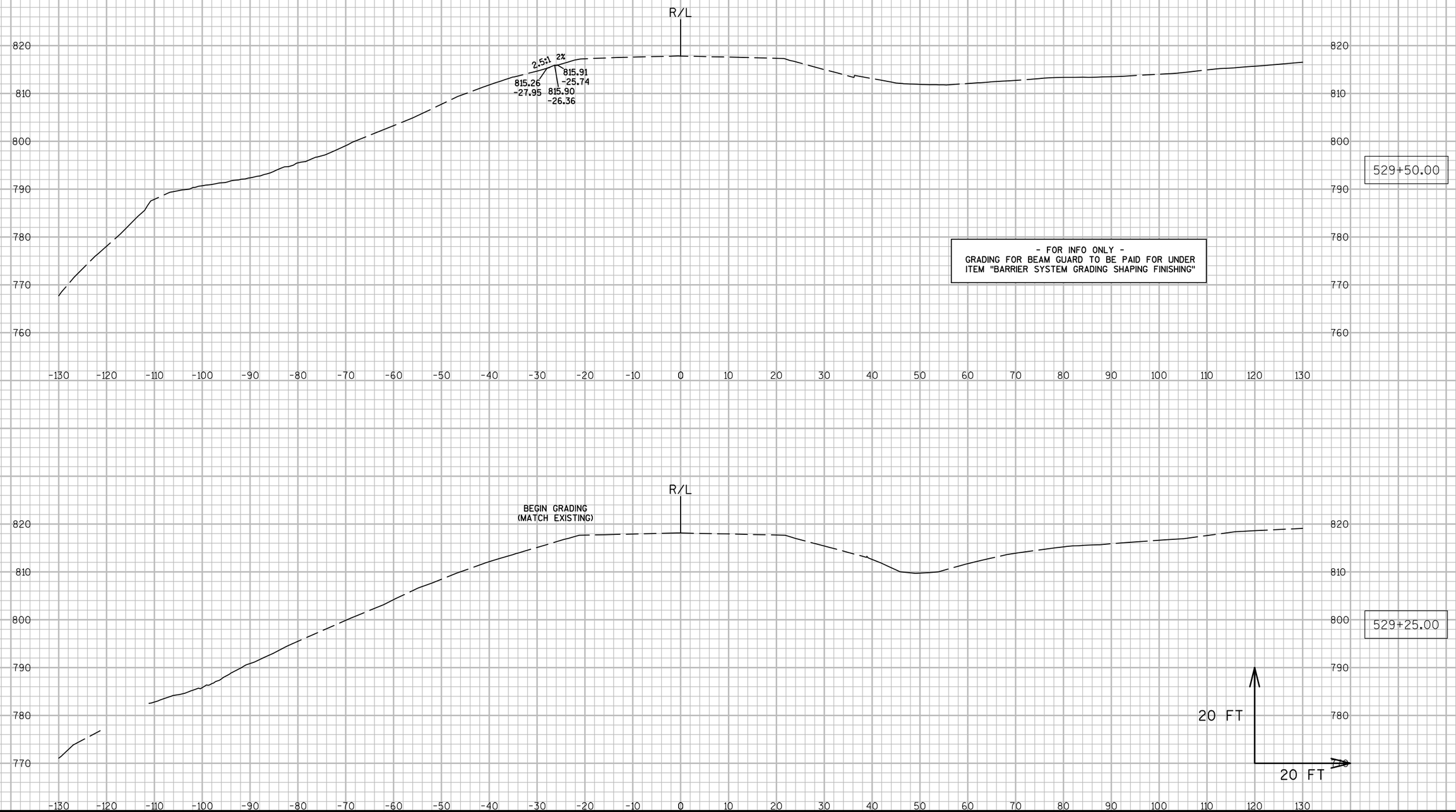
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



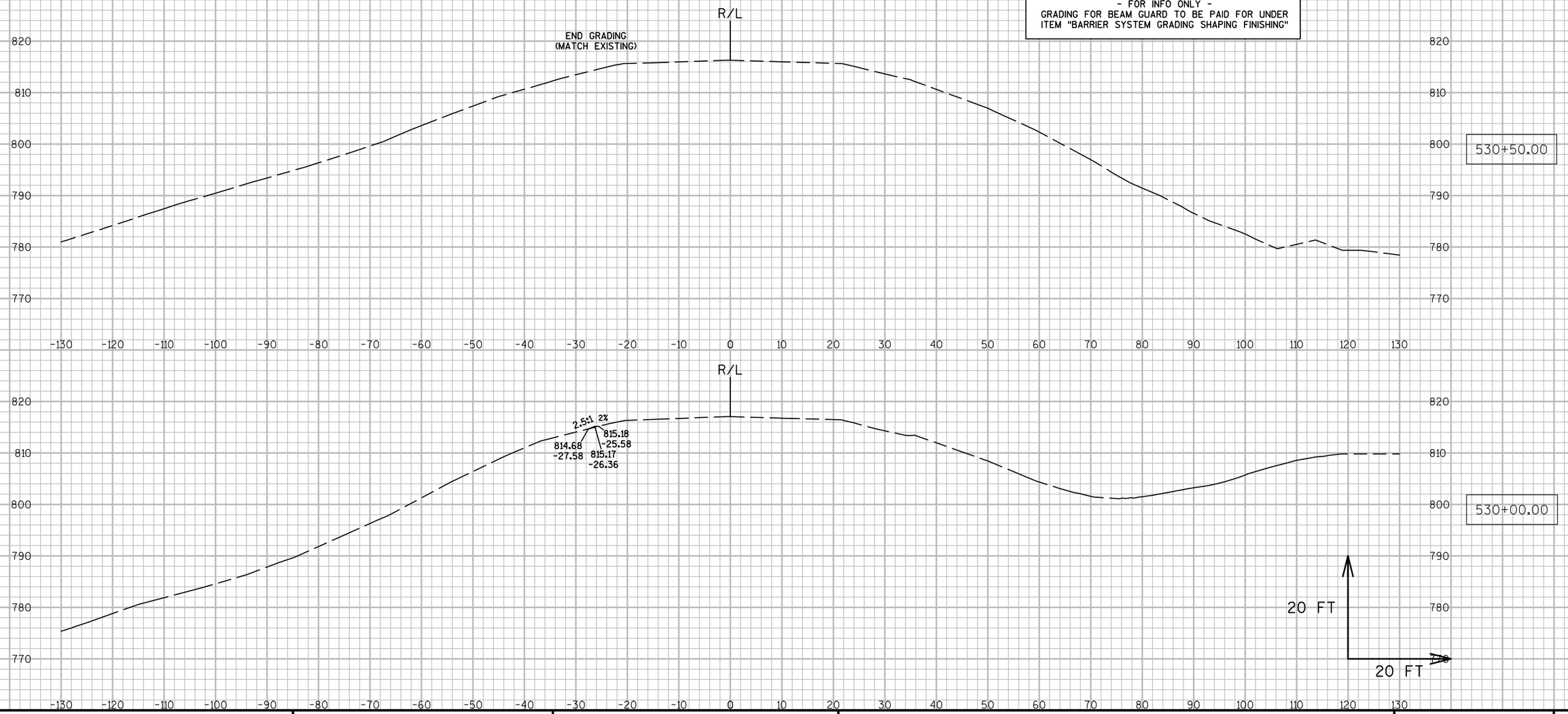
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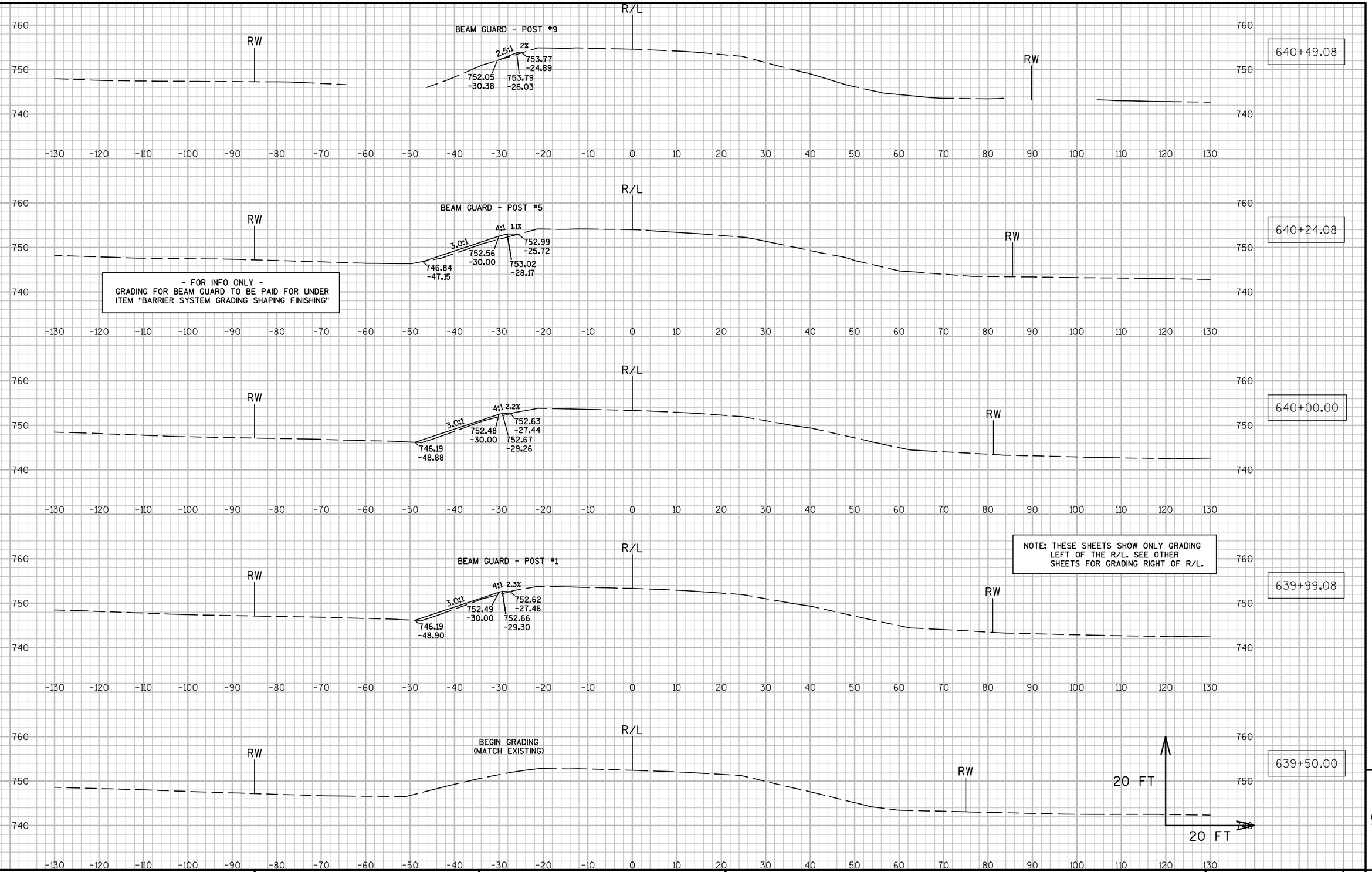
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E



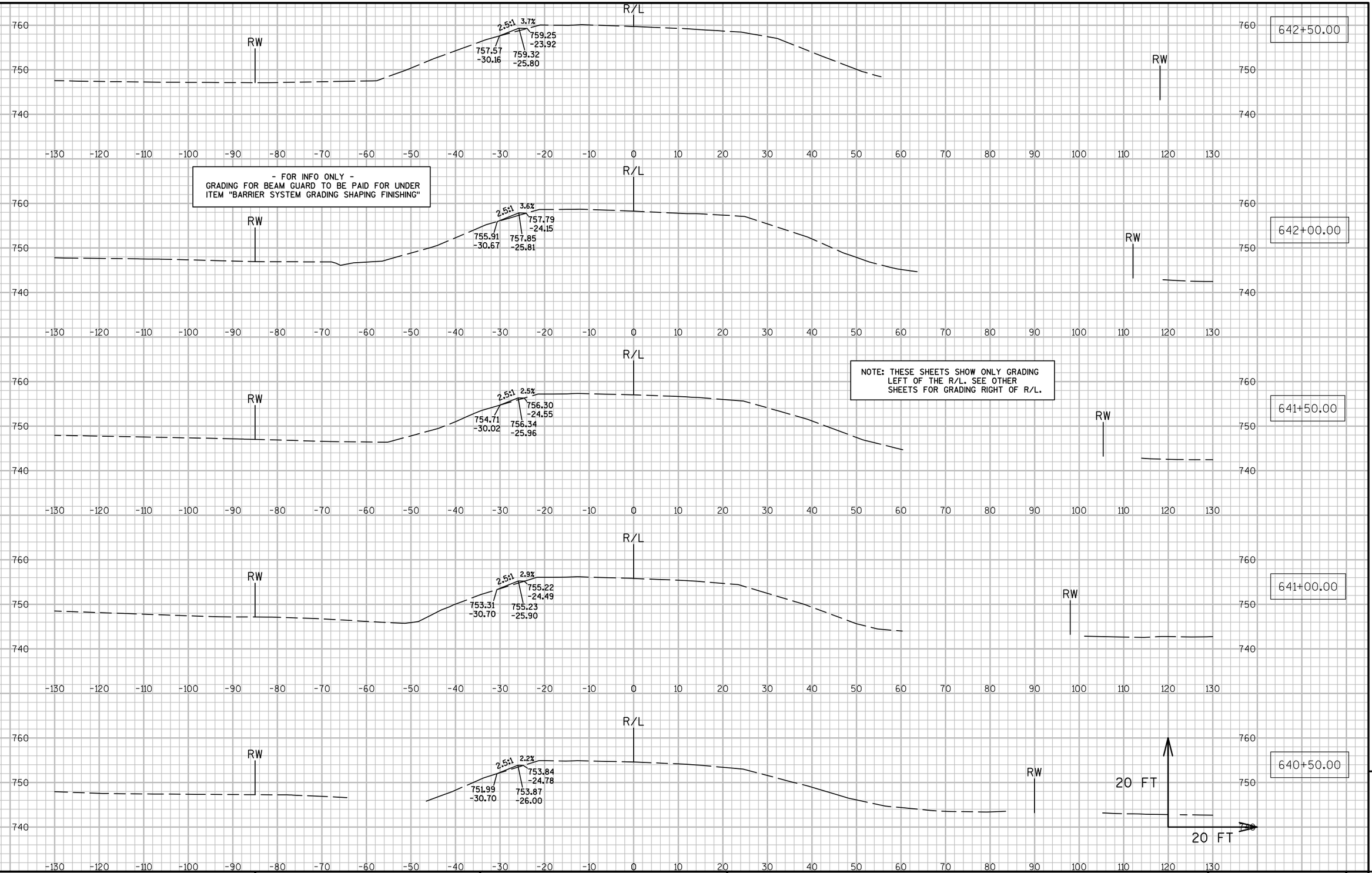
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E



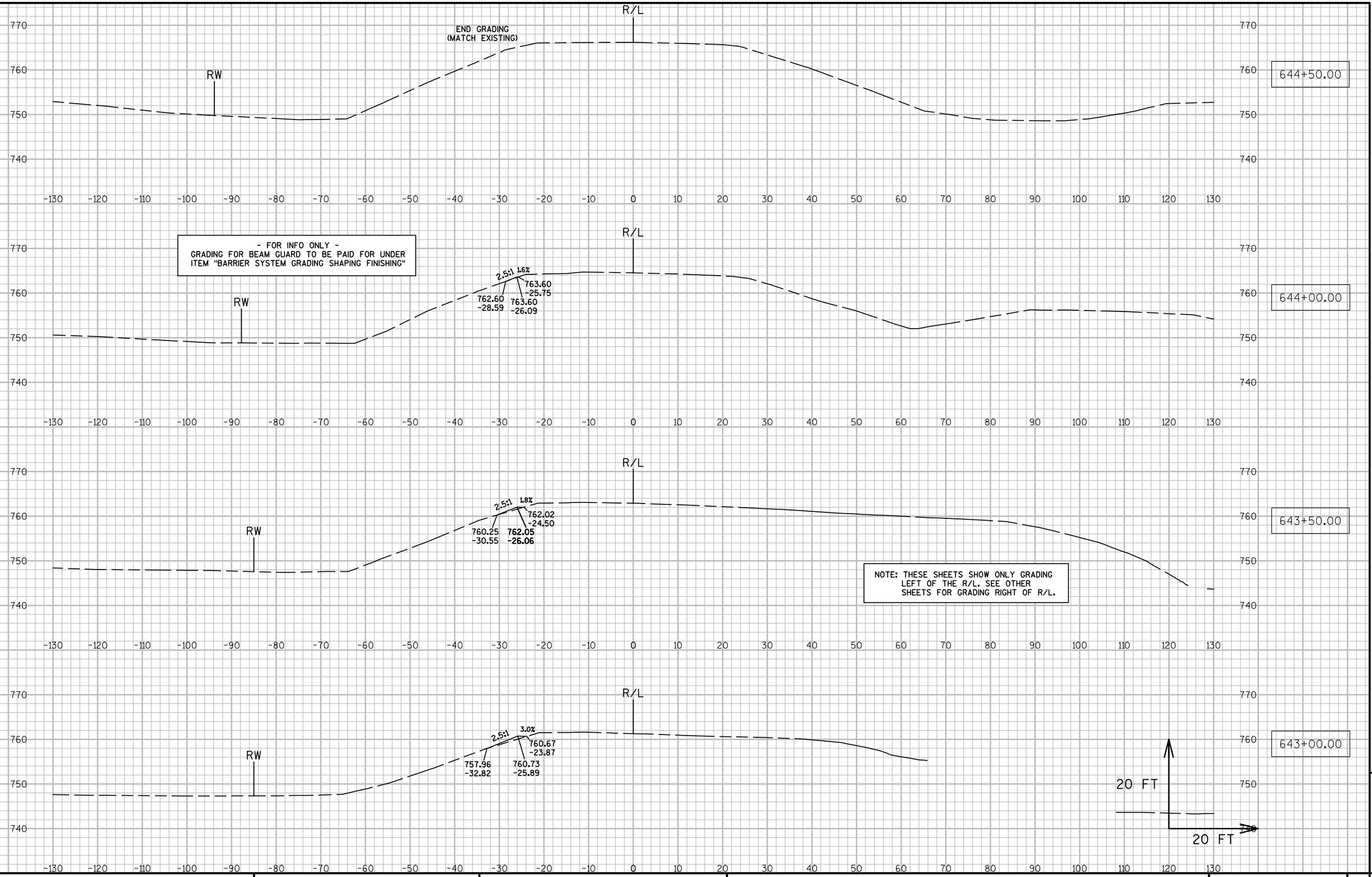
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E



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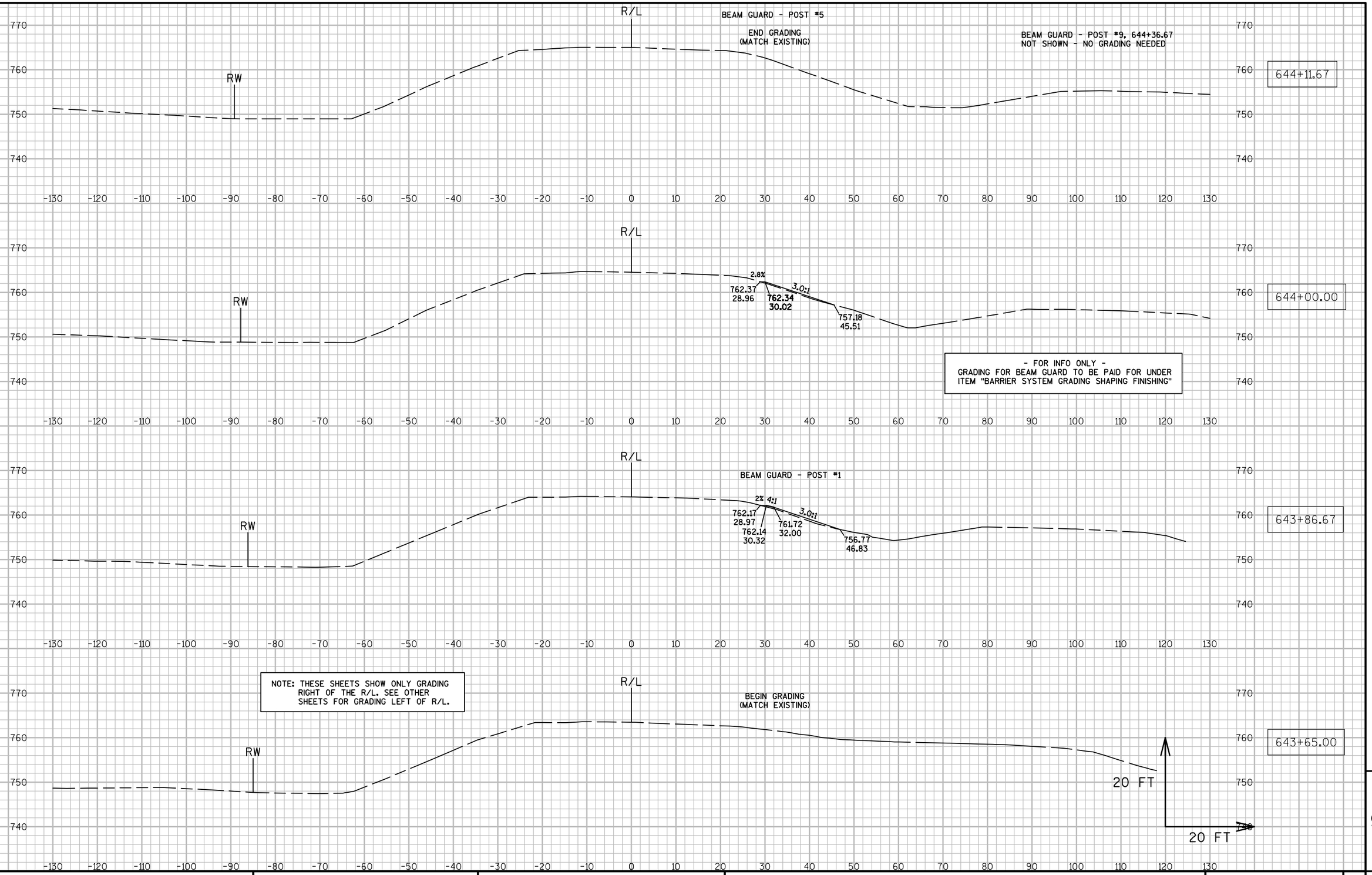


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

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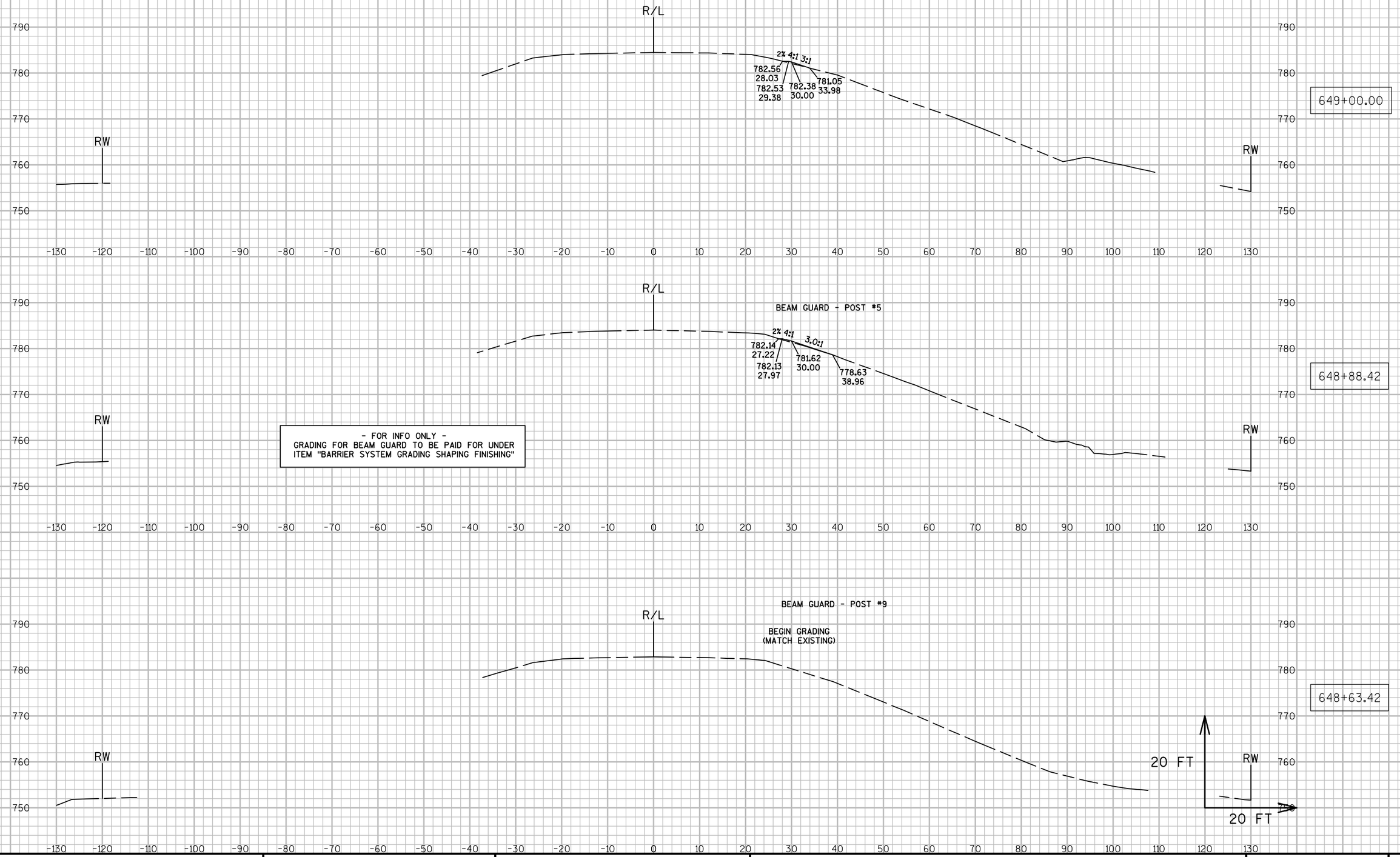


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090263_XS.DWG PLOT DATE : 3/29/2016 8:25 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



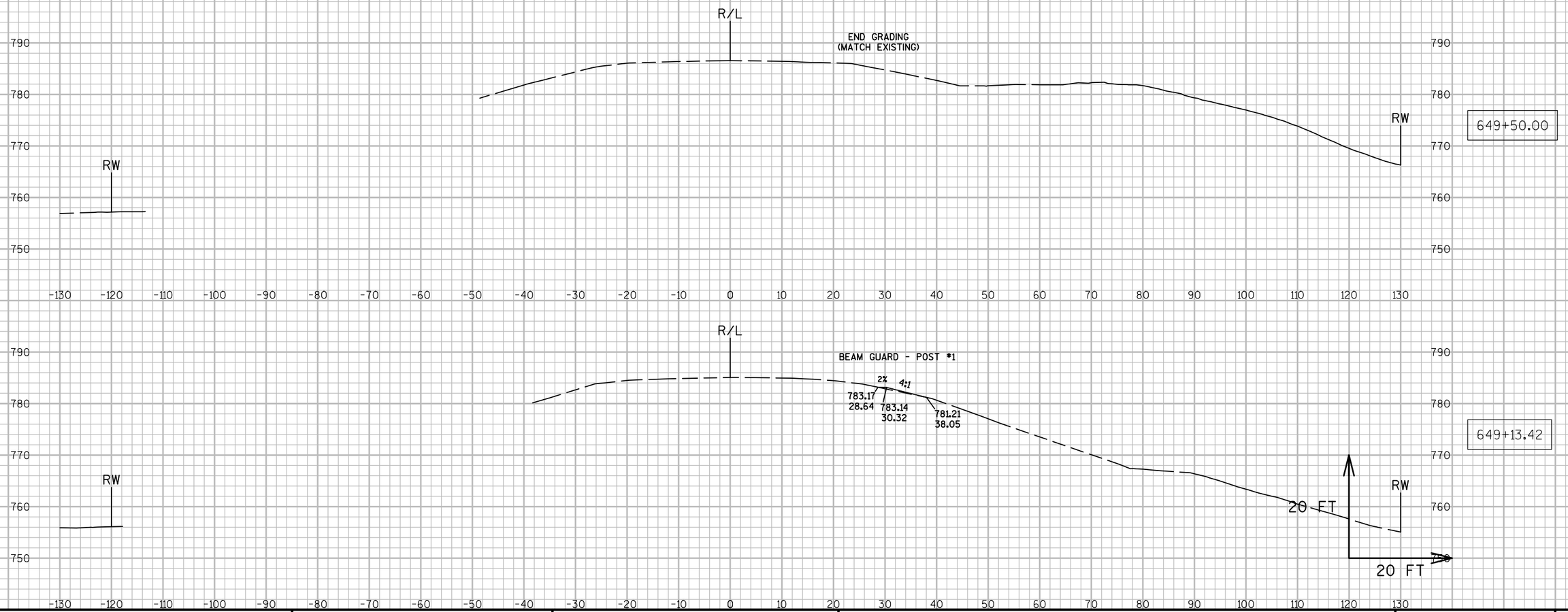
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090264_XS.DWG PLOT DATE : 3/29/2016 8:25 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

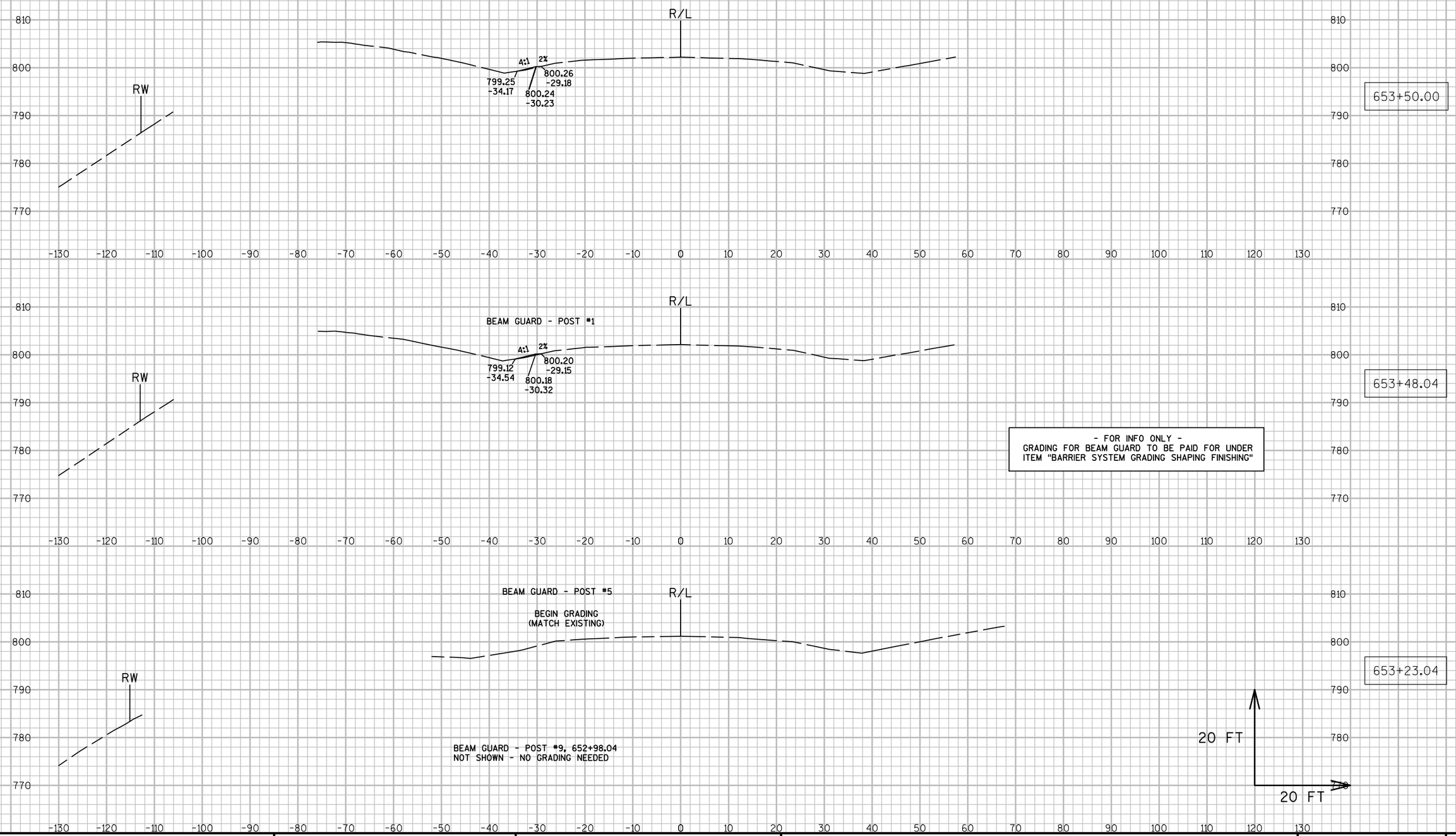
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E



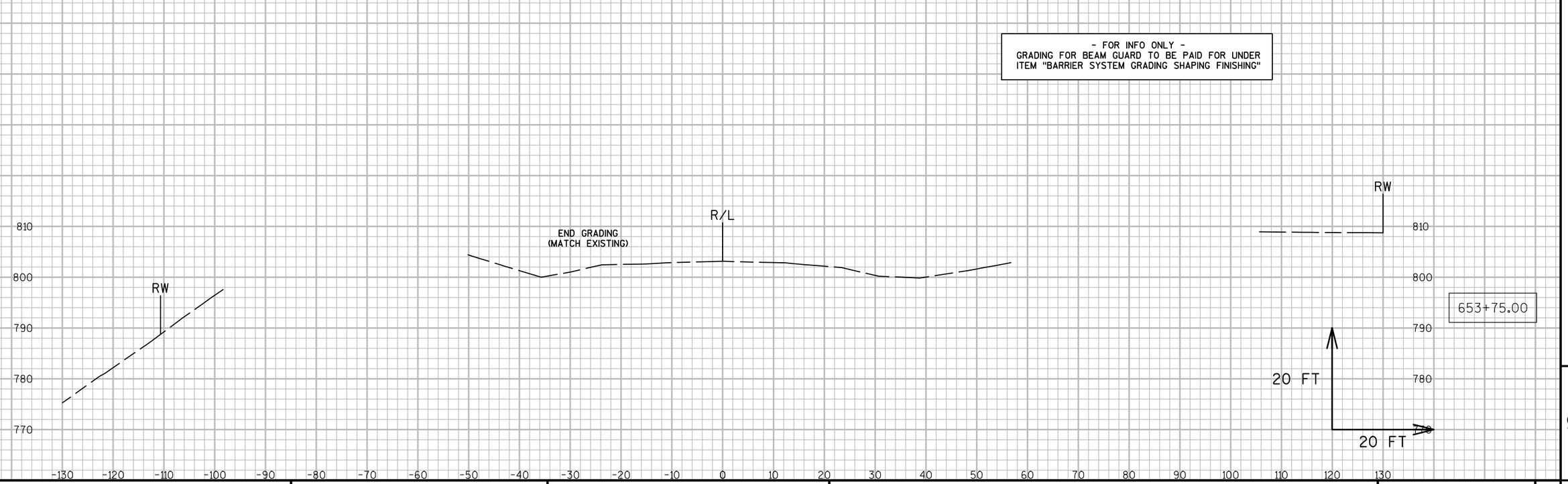
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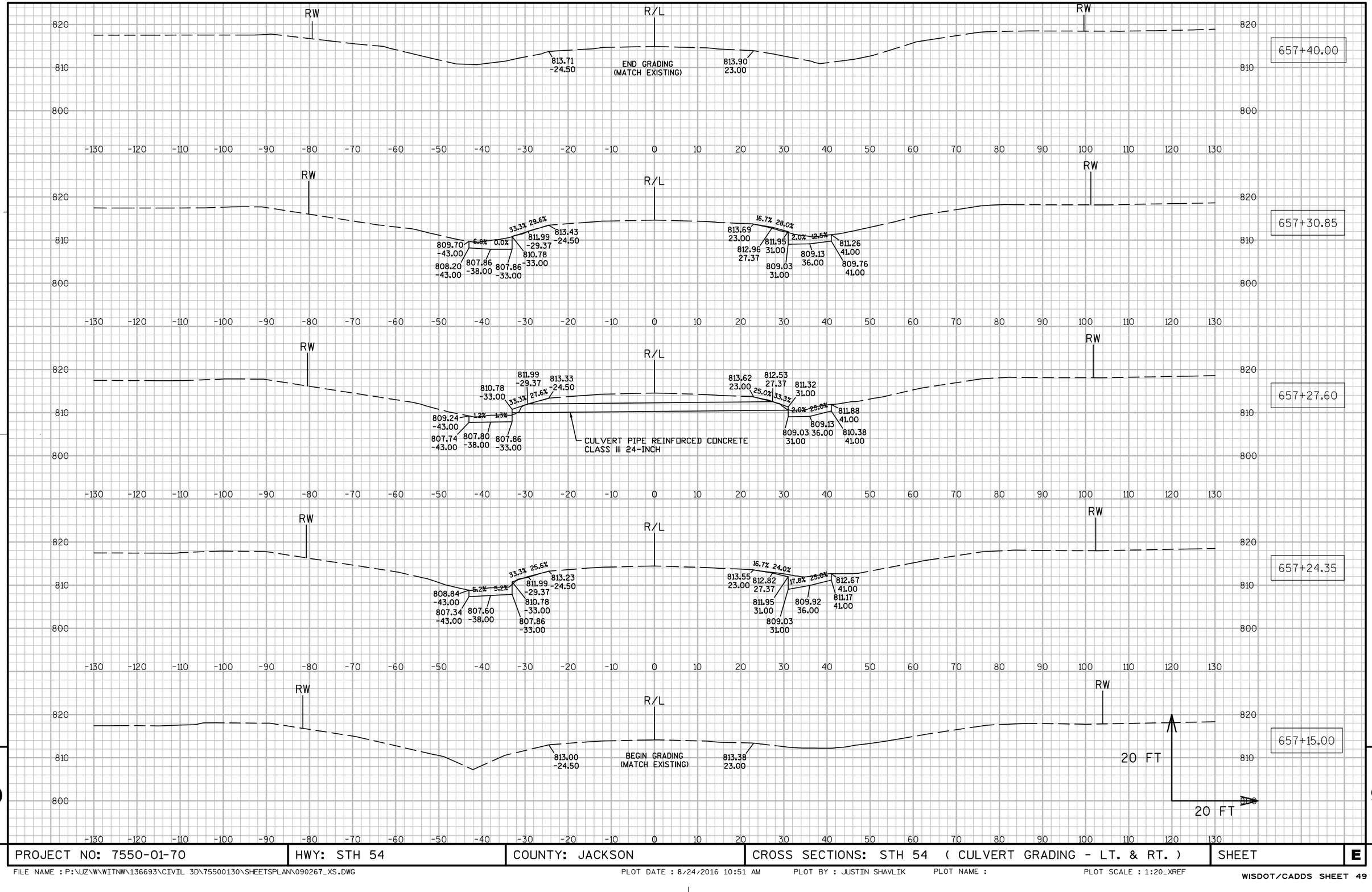
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090265_XS.DWG PLOT DATE : 3/29/2016 8:30 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

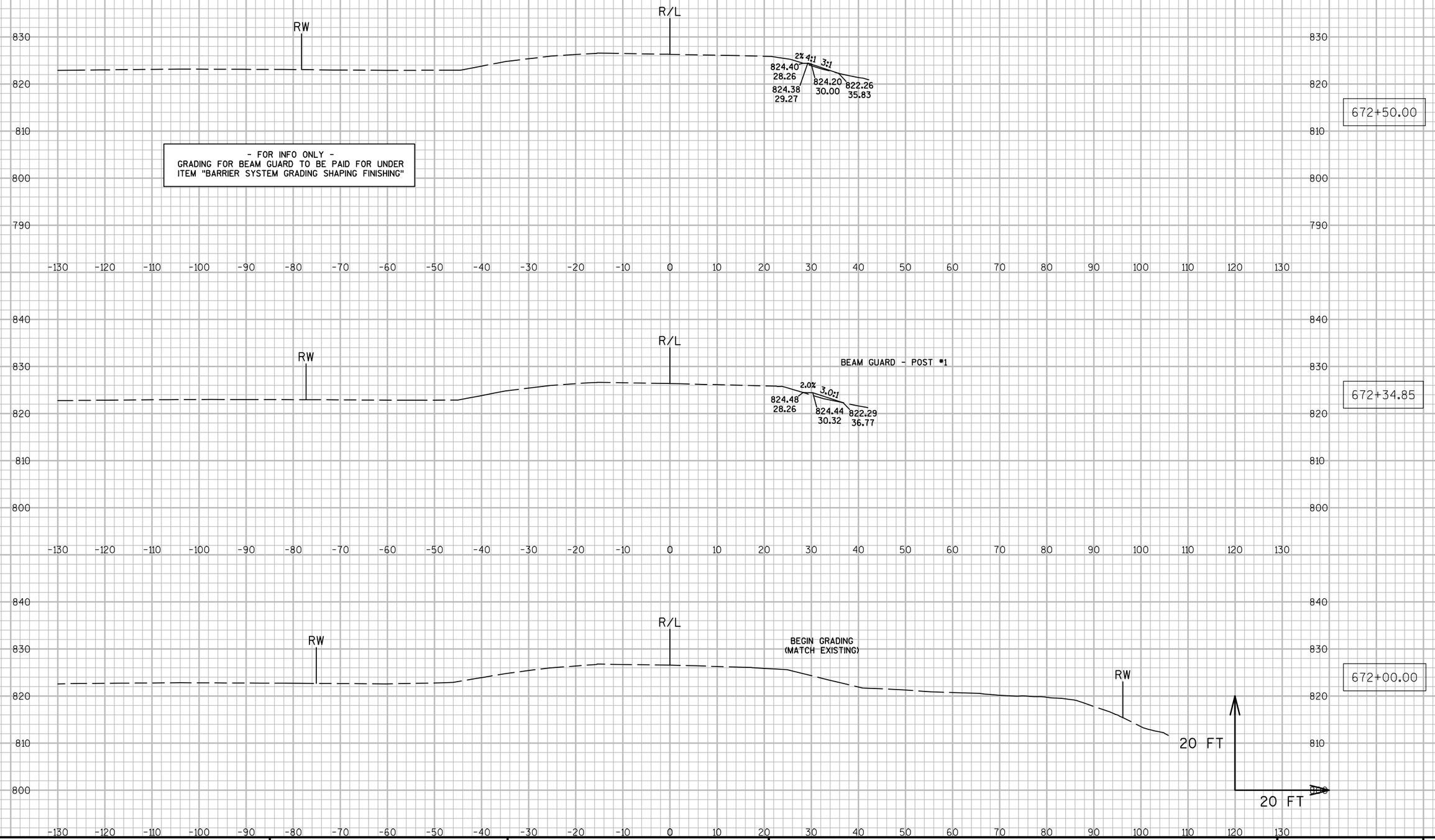
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (CULVERT GRADING - LT. & RT.)	SHEET	E

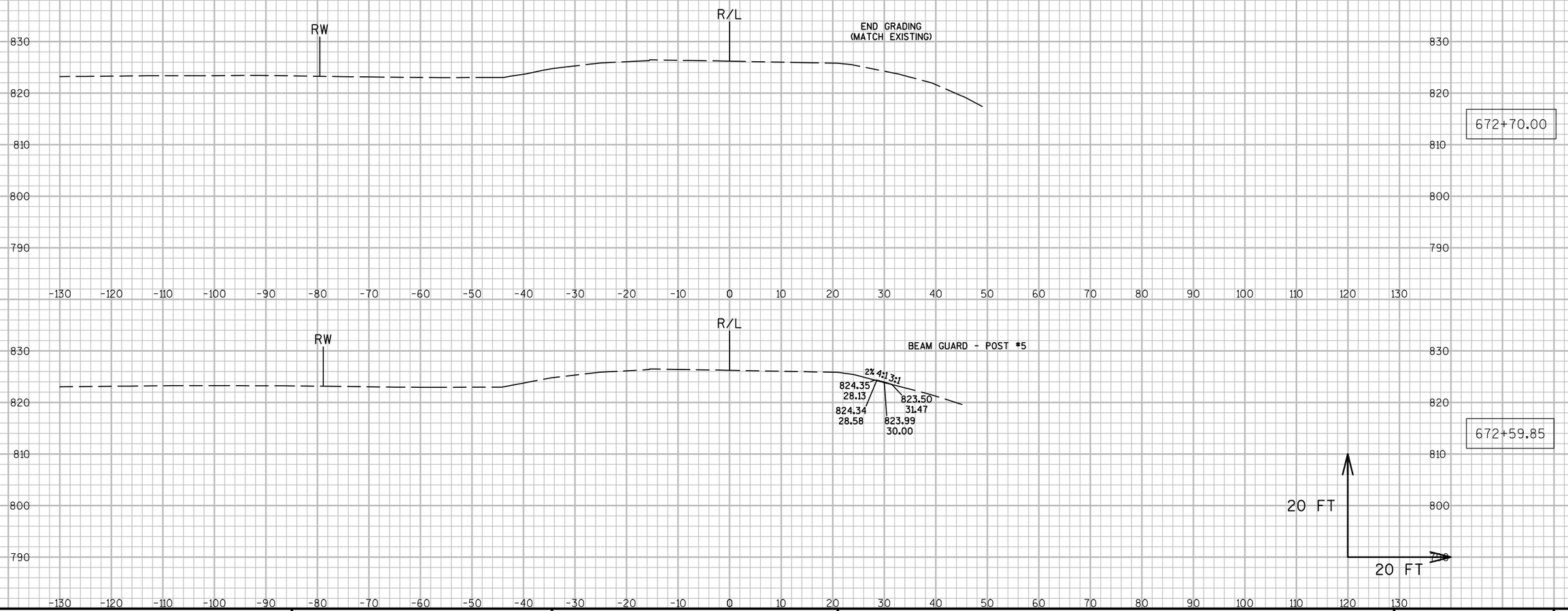


PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090269_XS.DWG PLOT DATE : 3/29/2016 8:35 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

BEAM GUARD - POST #9, 672+84.85
NOT SHOWN - NO GRADING NEEDED

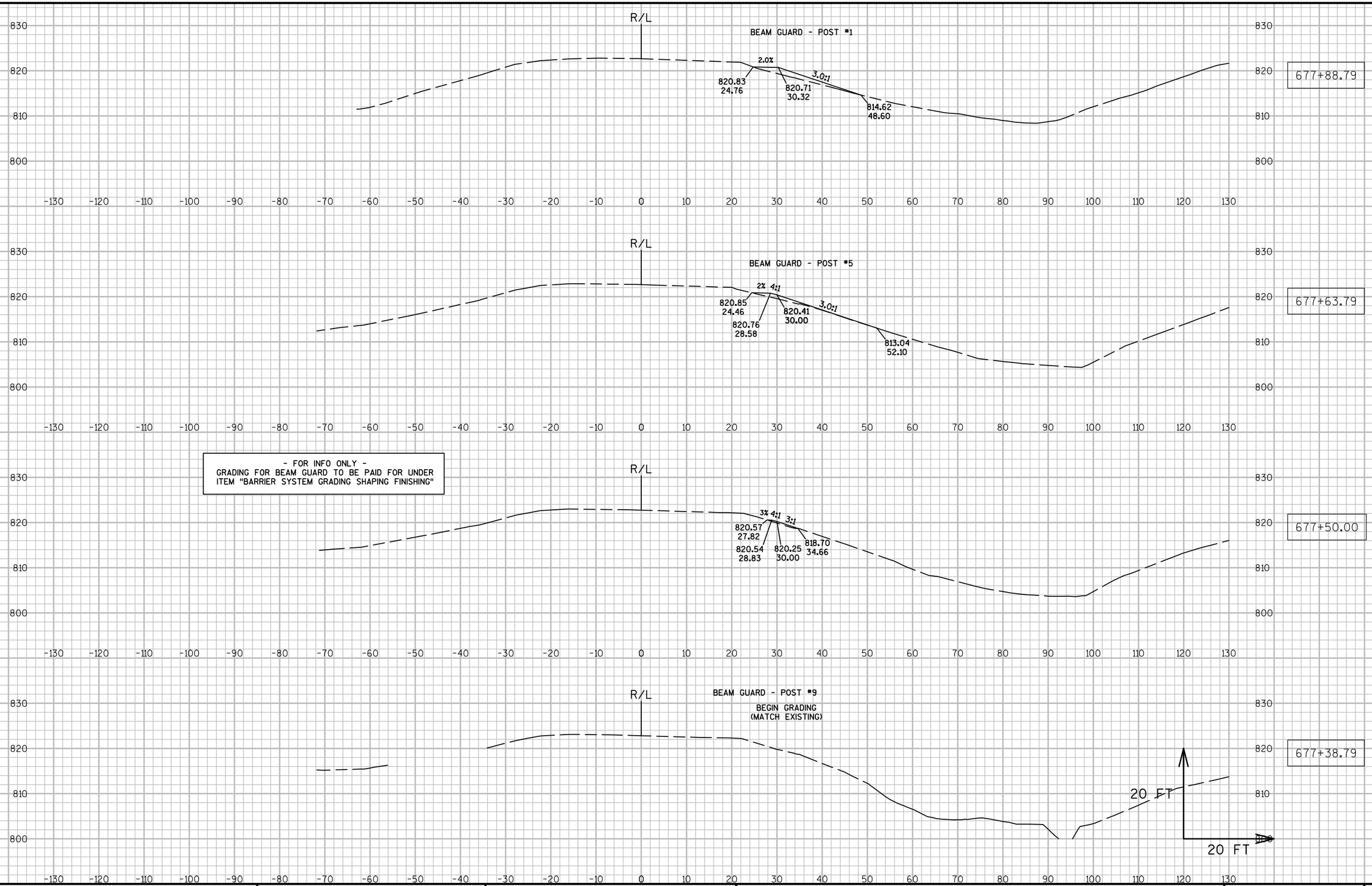
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

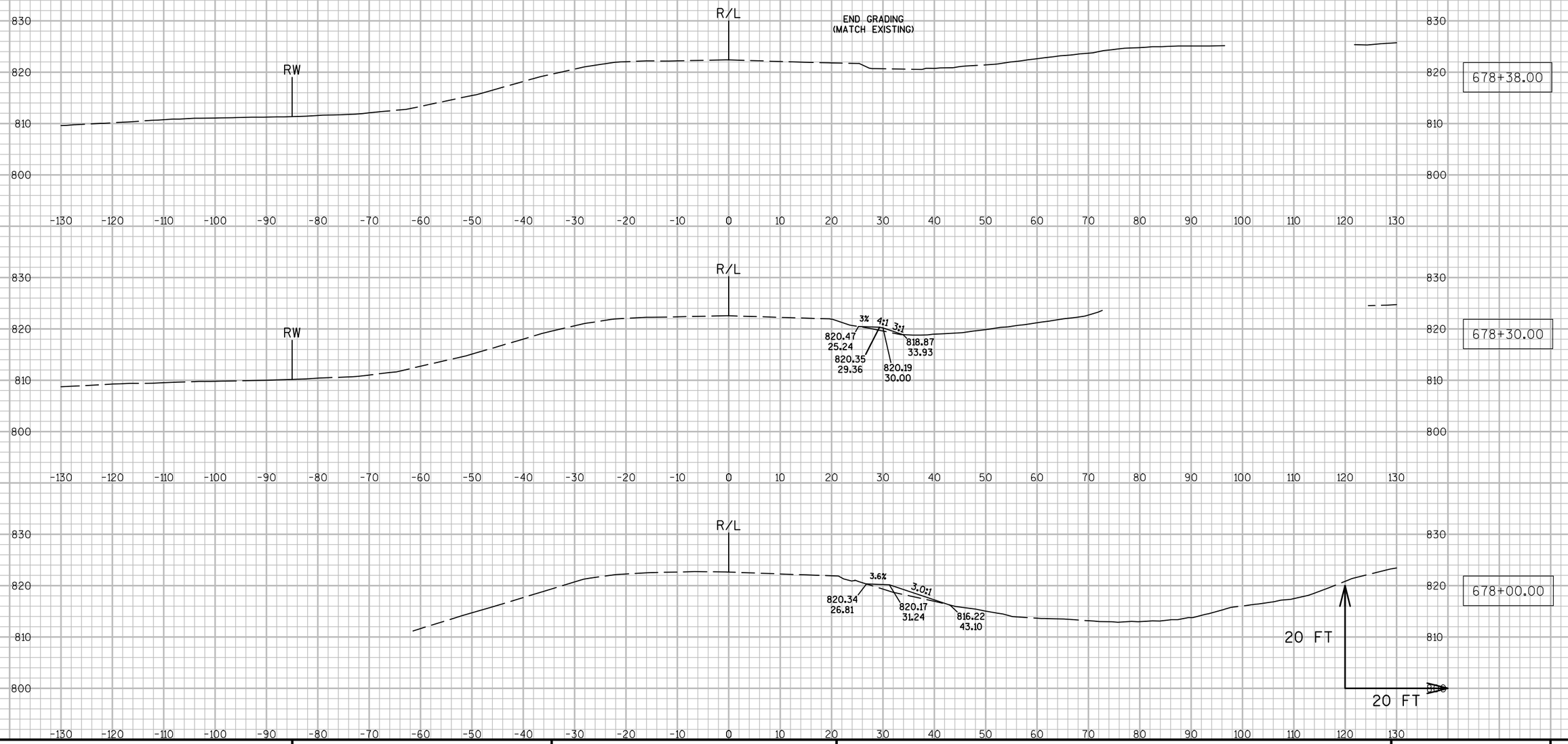


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

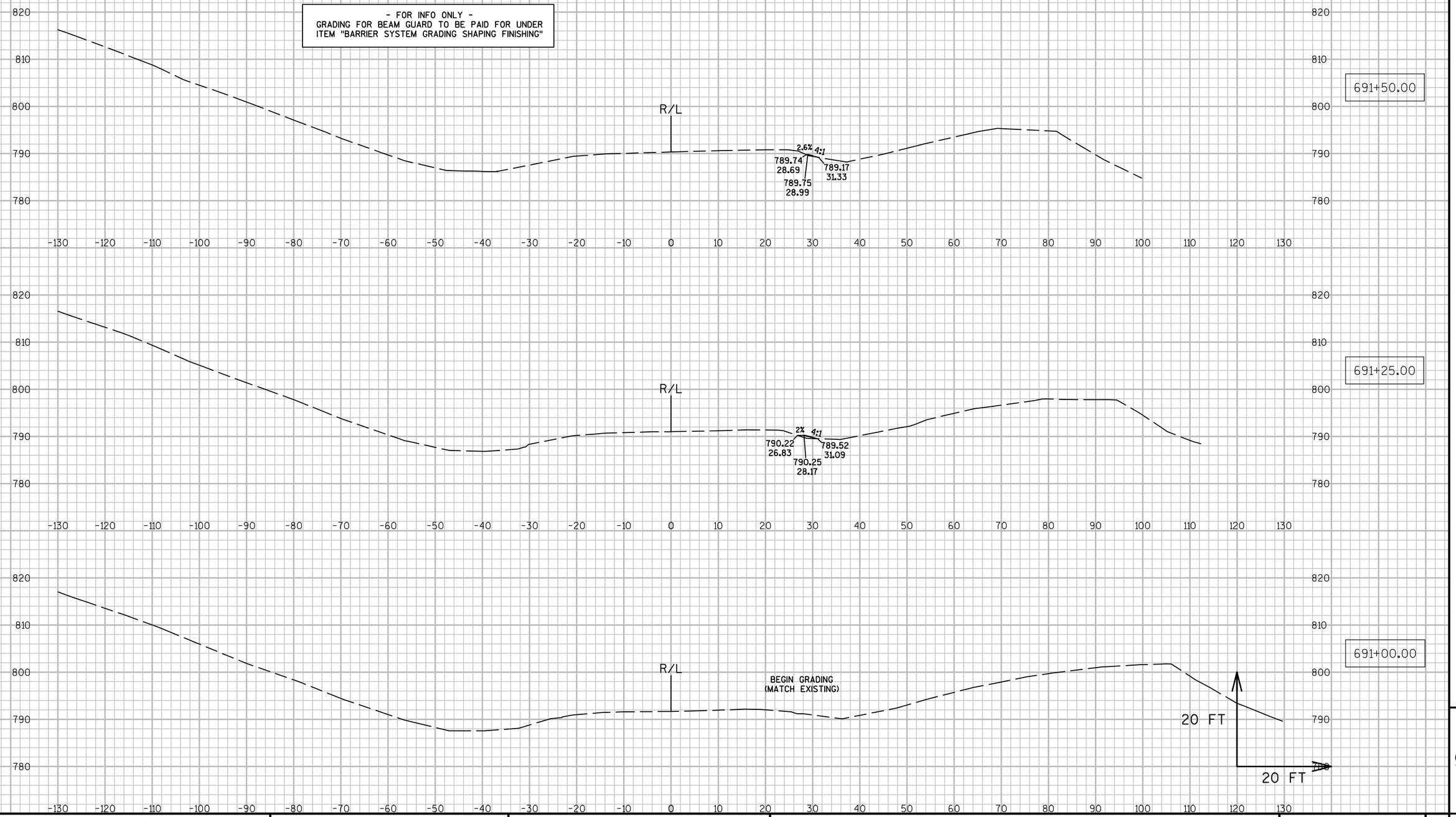
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

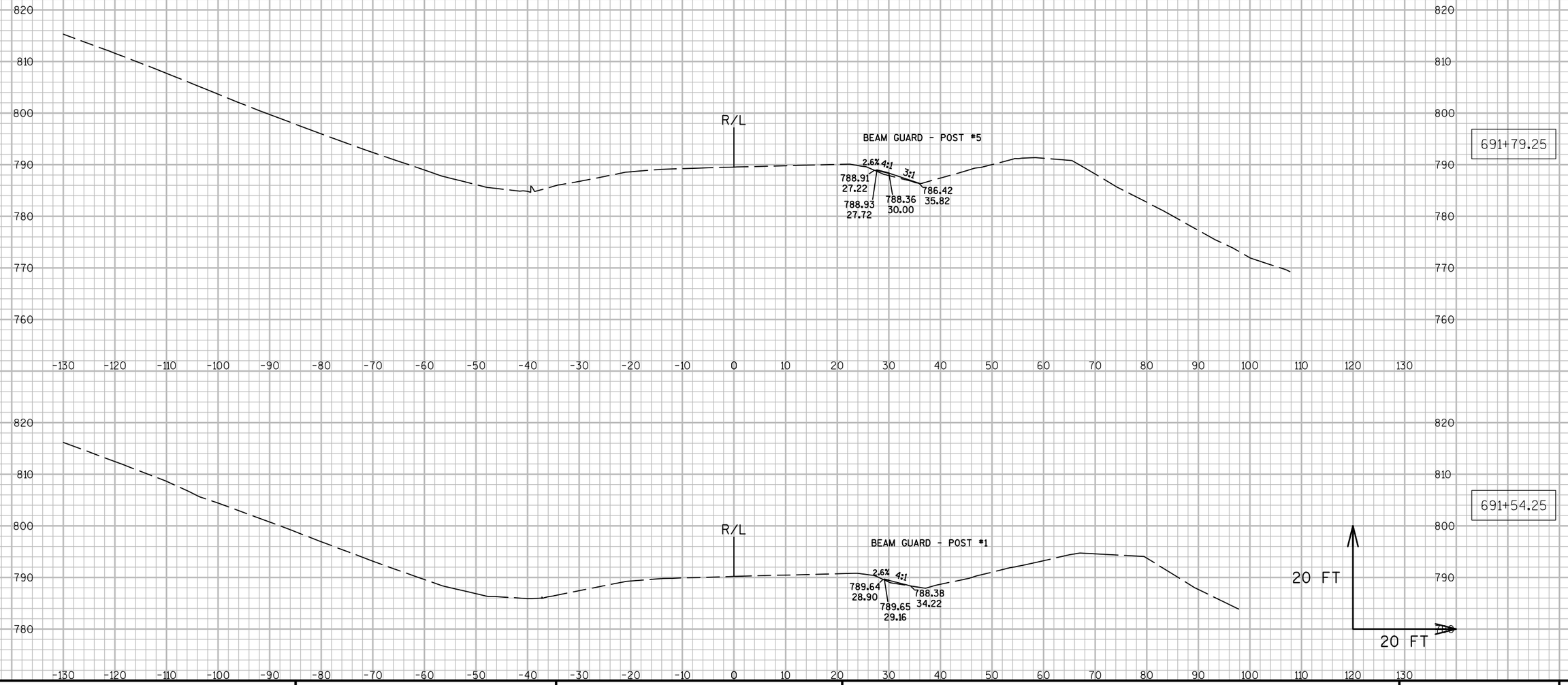
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- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



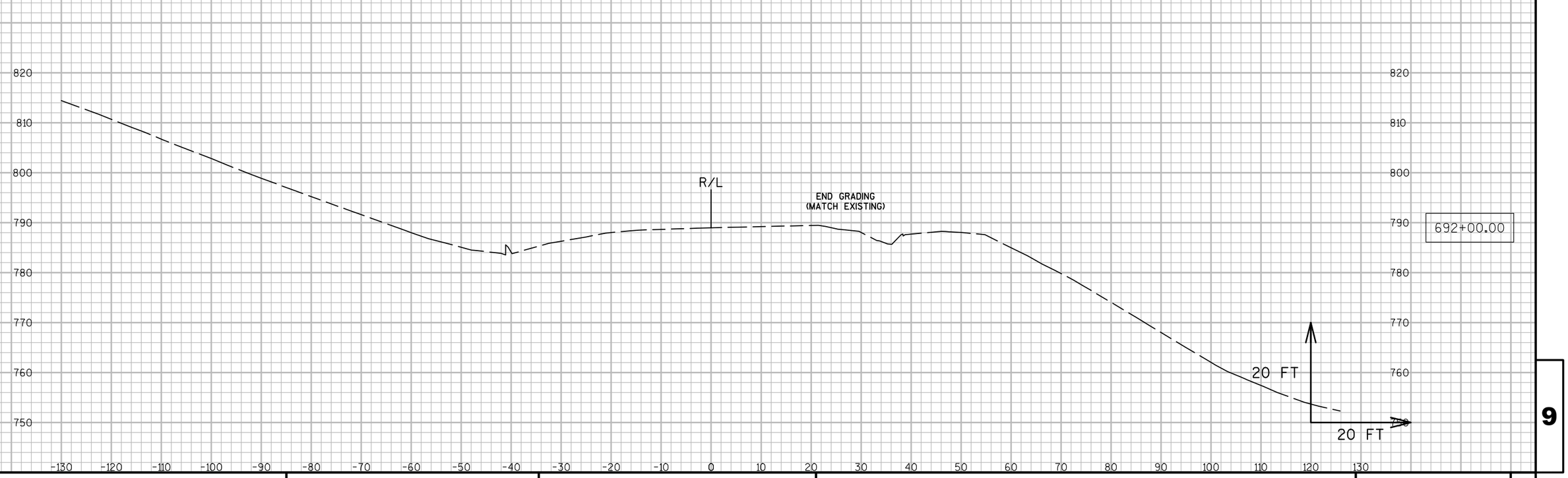
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E

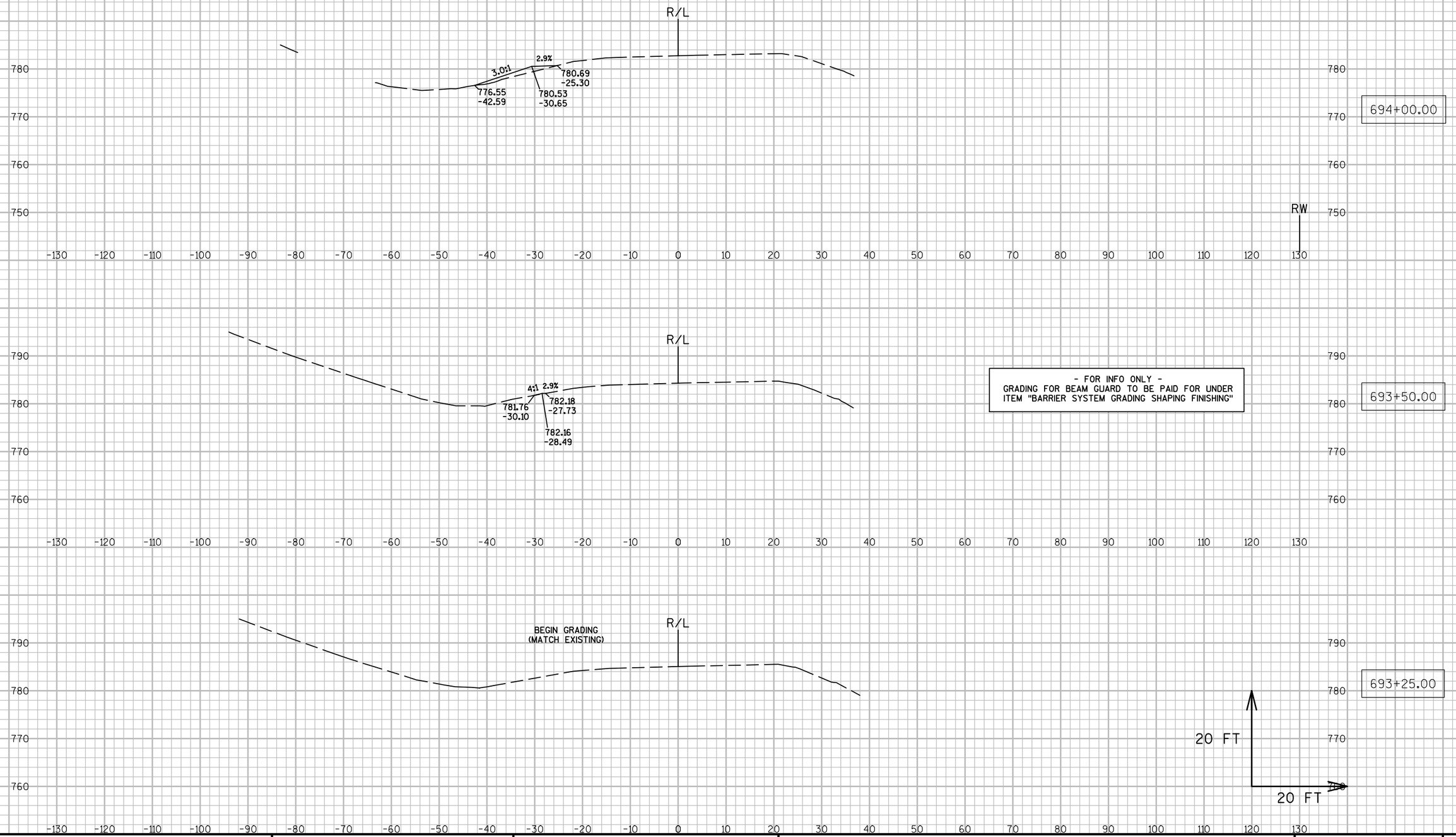
BEAM GUARD - POST #9, 692+04.25
NOT SHOWN - NO GRADING NEEDED

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

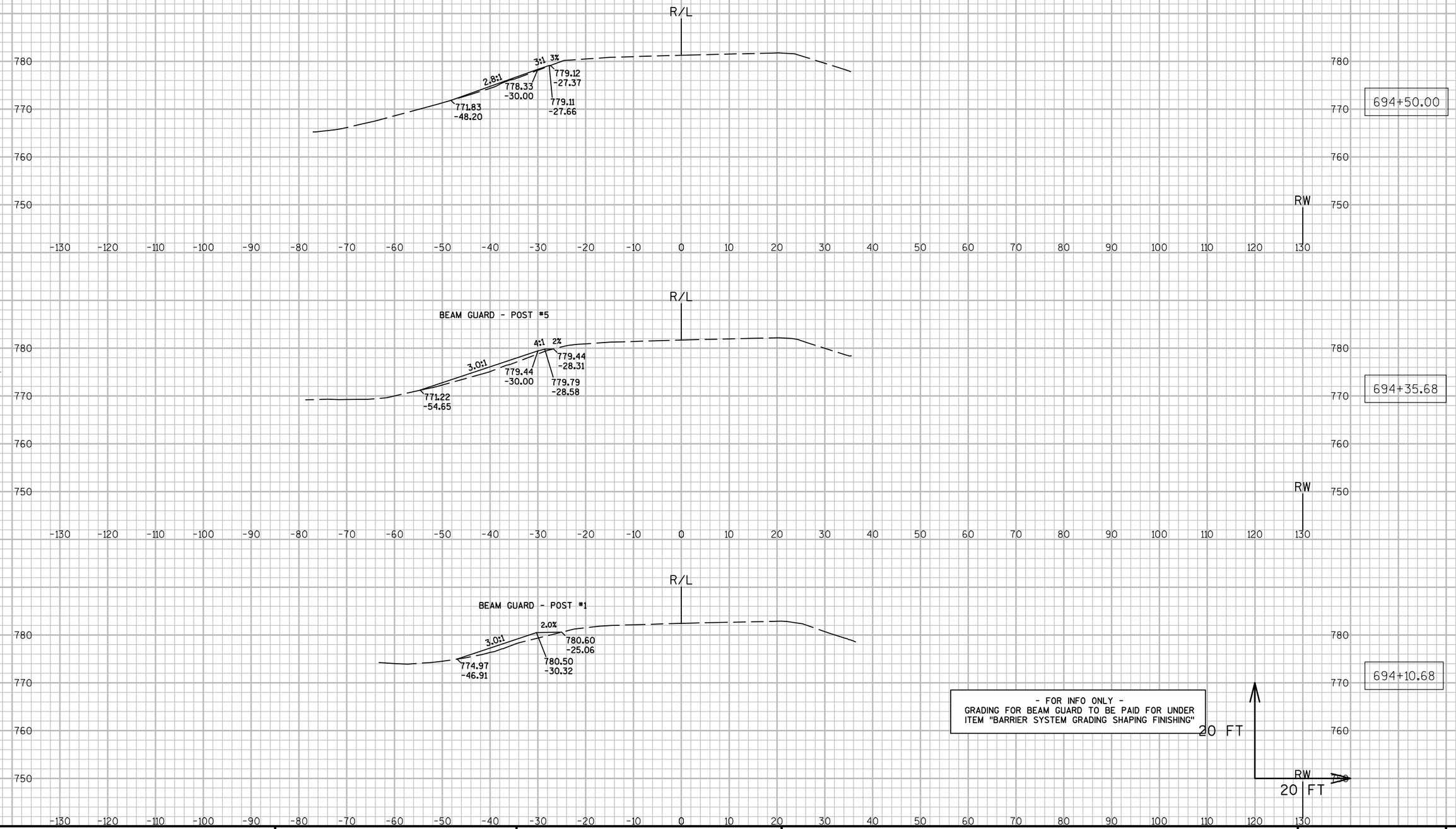


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - RT.)	SHEET	E



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E



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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090273_XS.DWG PLOT DATE : 3/29/2016 9:38 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

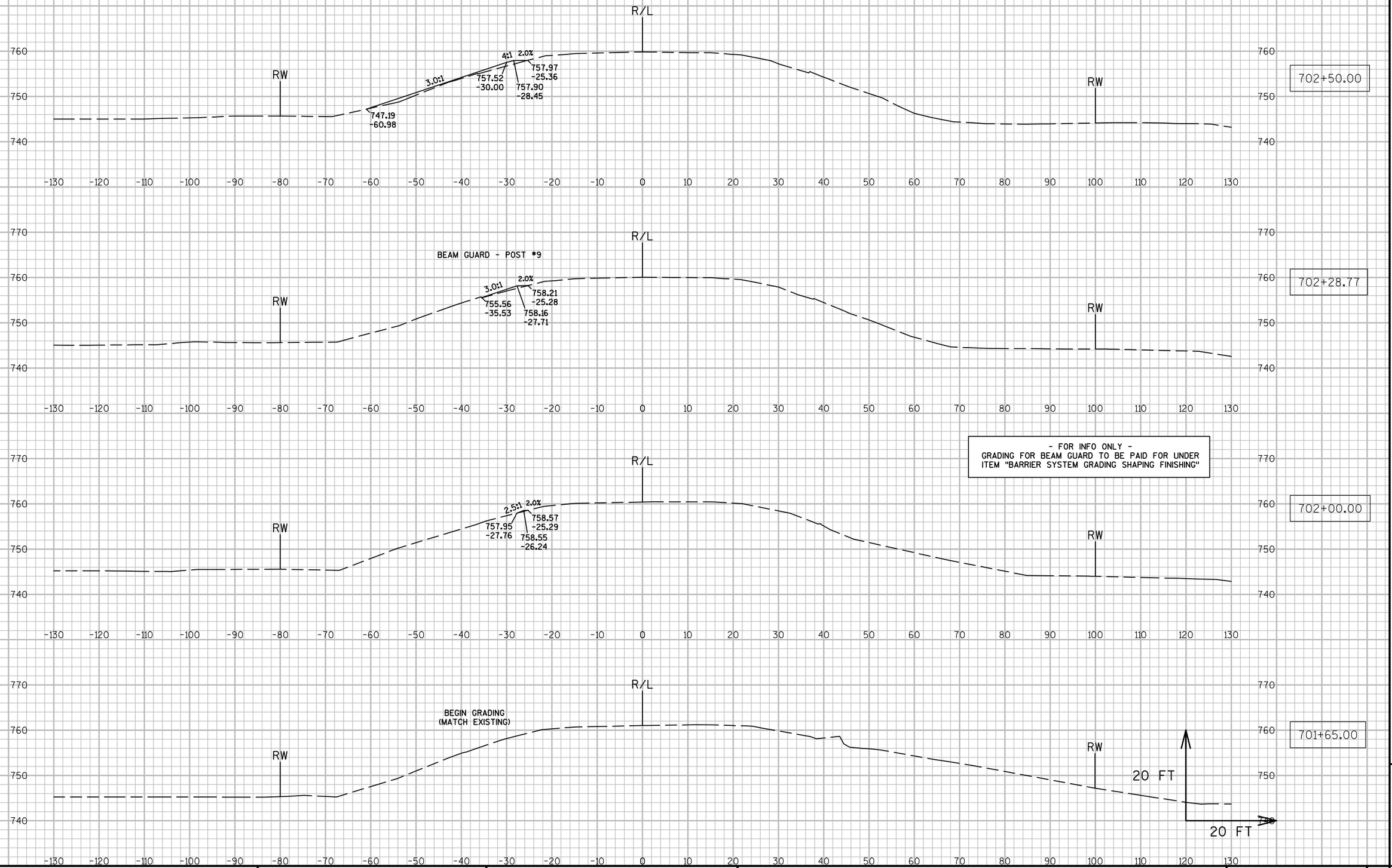
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

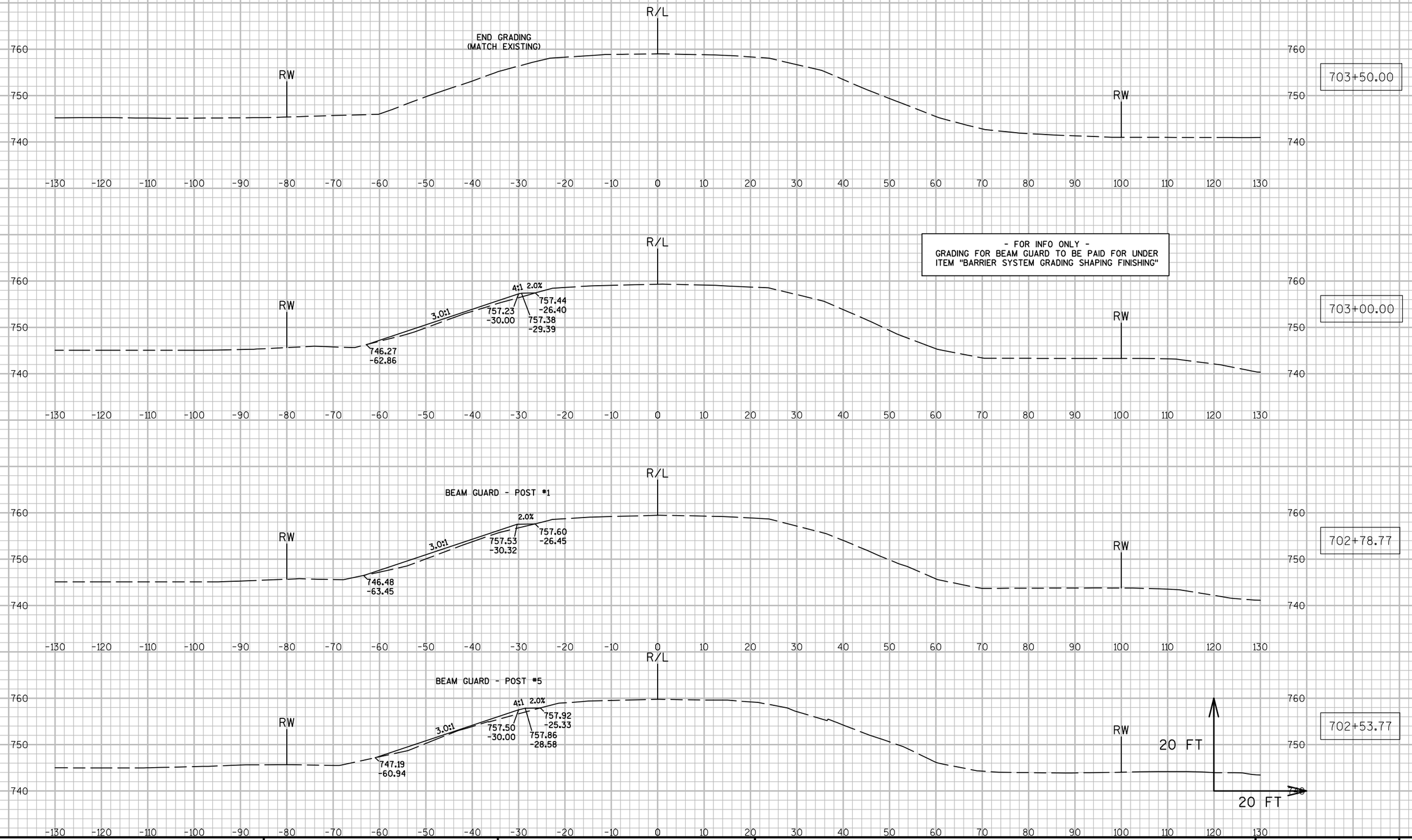


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090274_XS.DWG PLOT DATE : 3/29/2016 9:46 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

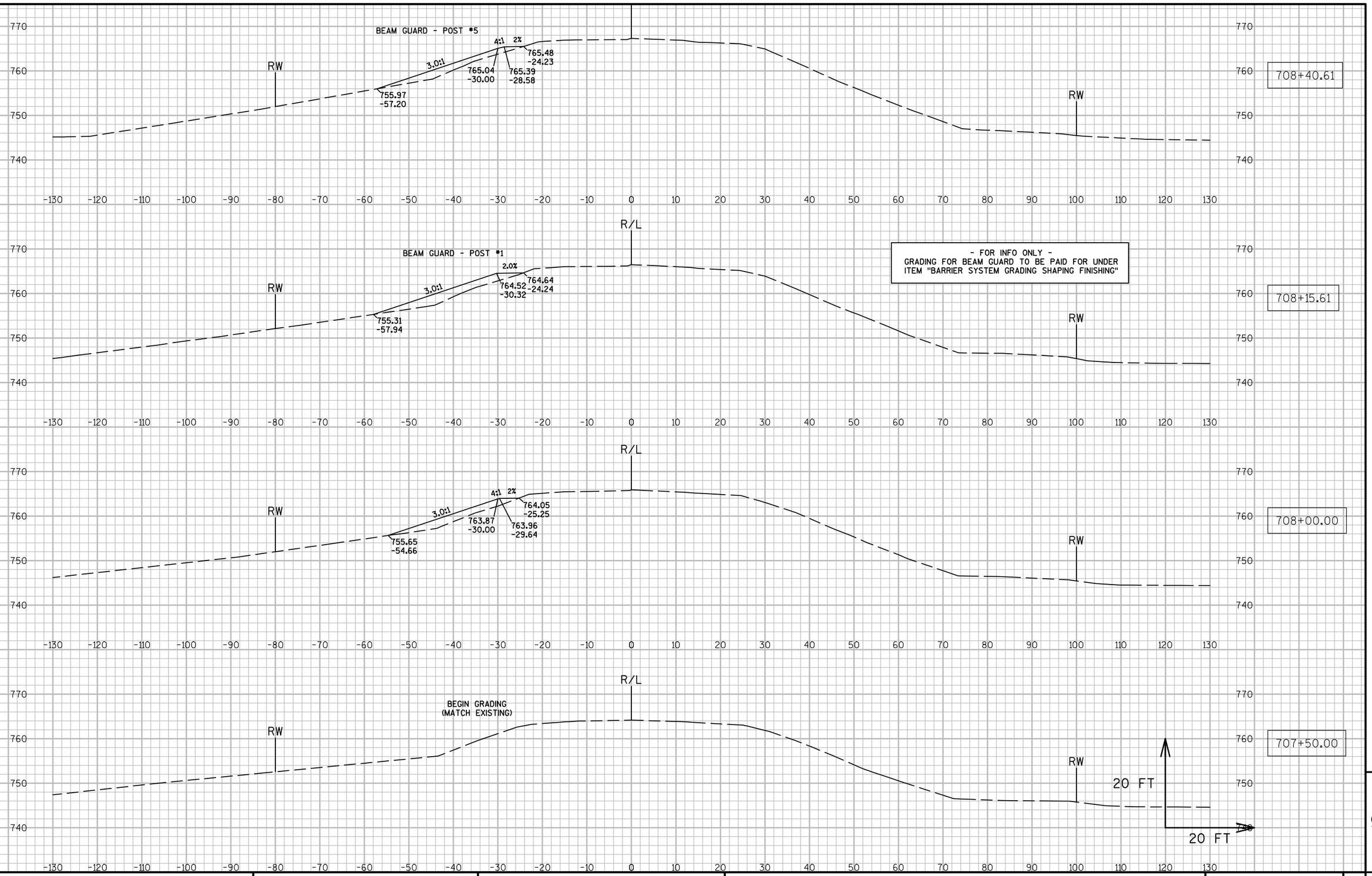


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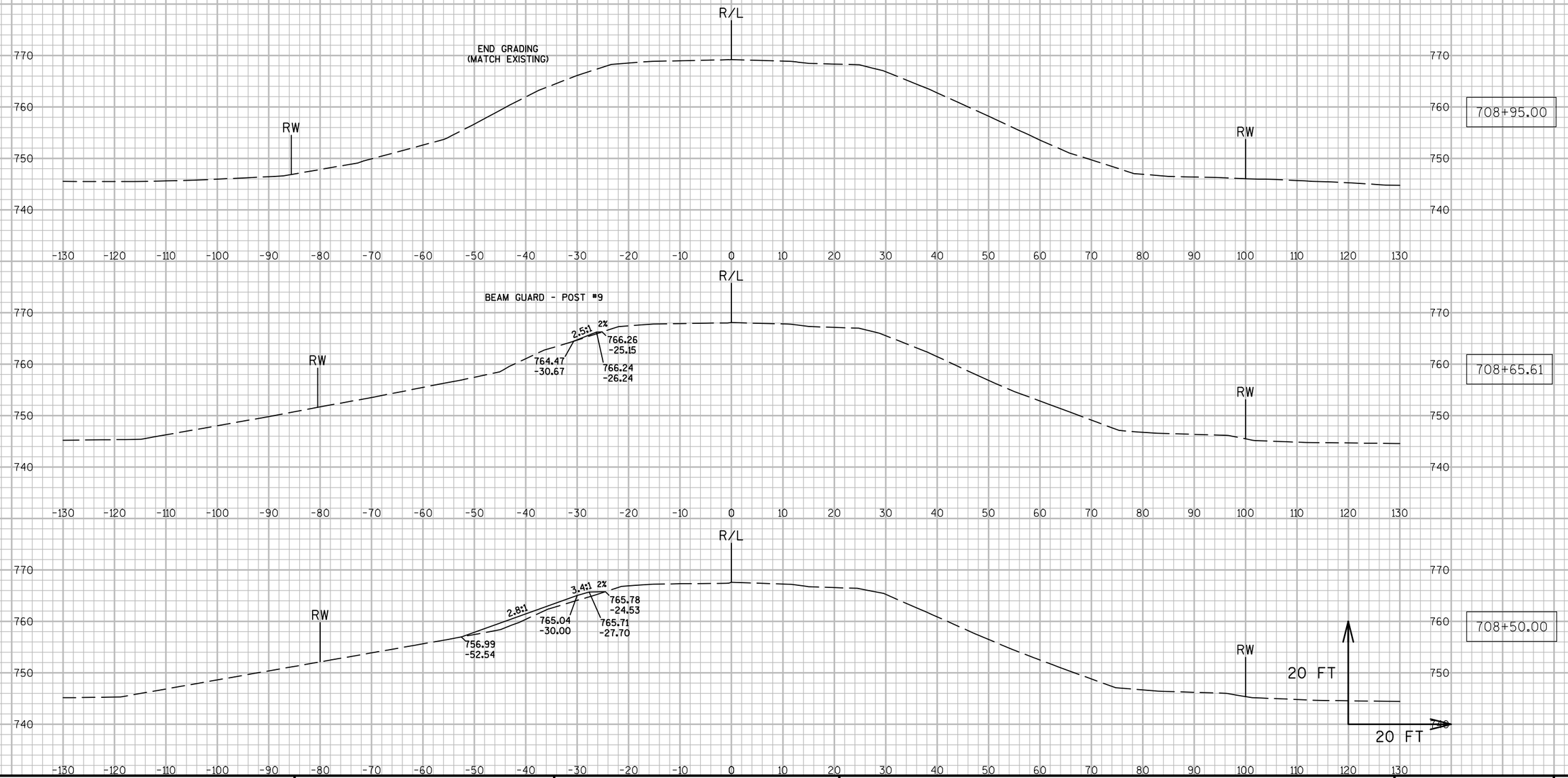
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090274_XS.DWG PLOT DATE : 3/29/2016 9:48 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



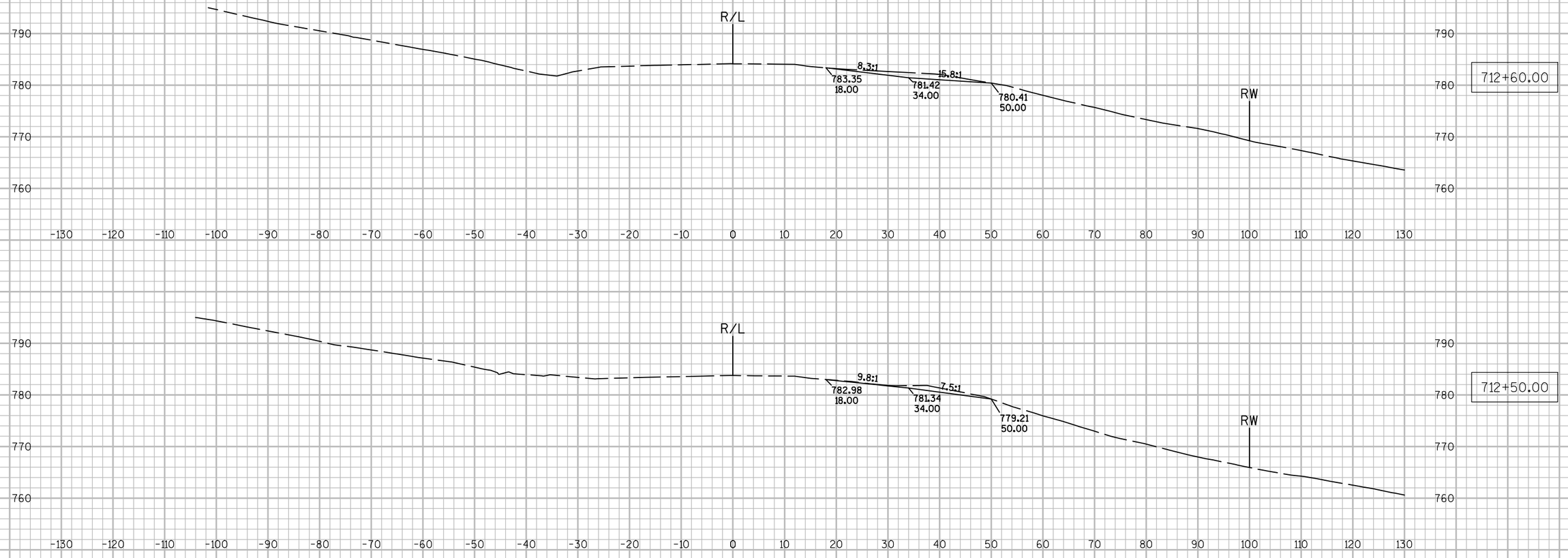
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

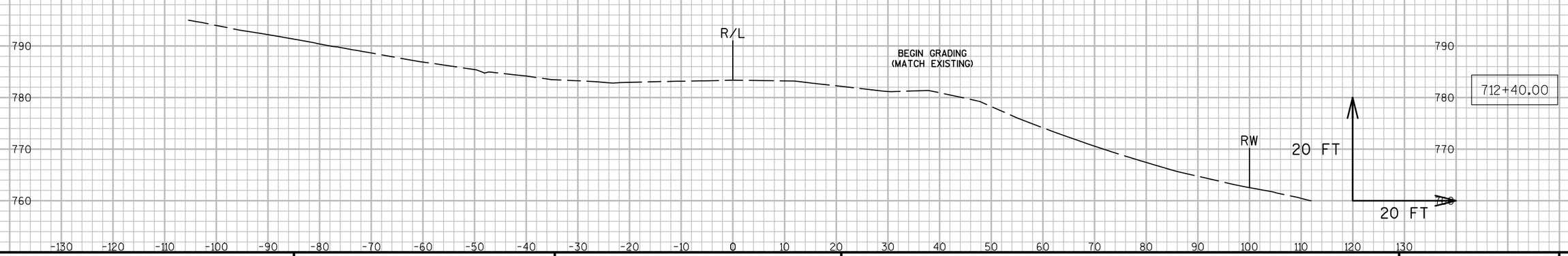
- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER
ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090275_XS.DWG PLOT DATE : 3/29/2016 10:00 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



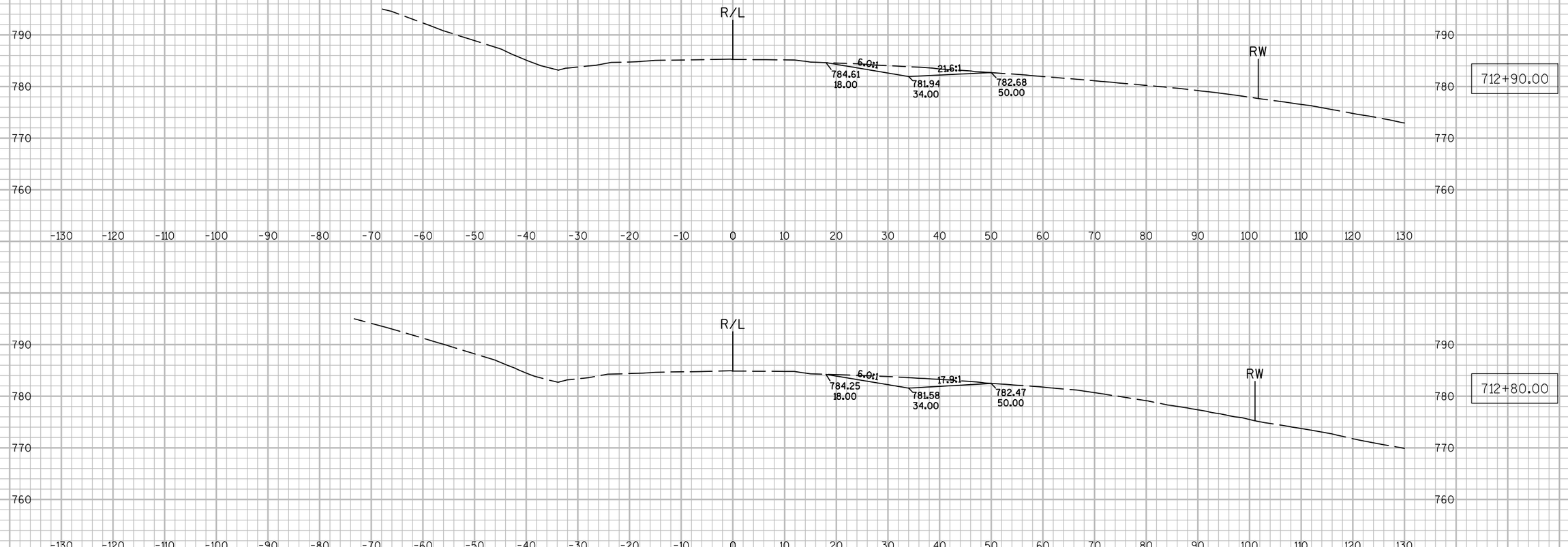


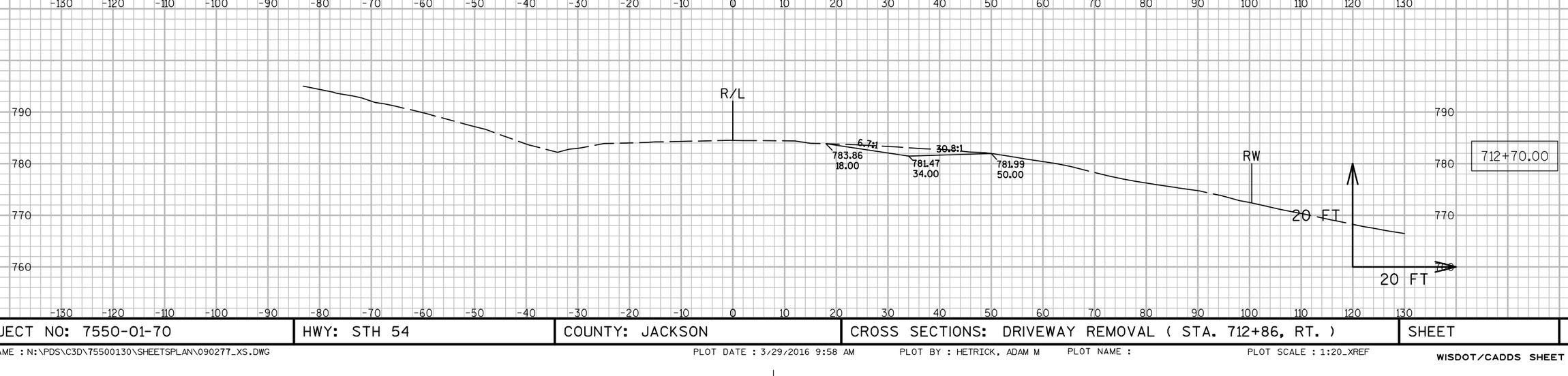
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 712+86, RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090277_XS.DWG PLOT DATE : 3/29/2016 9:56 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



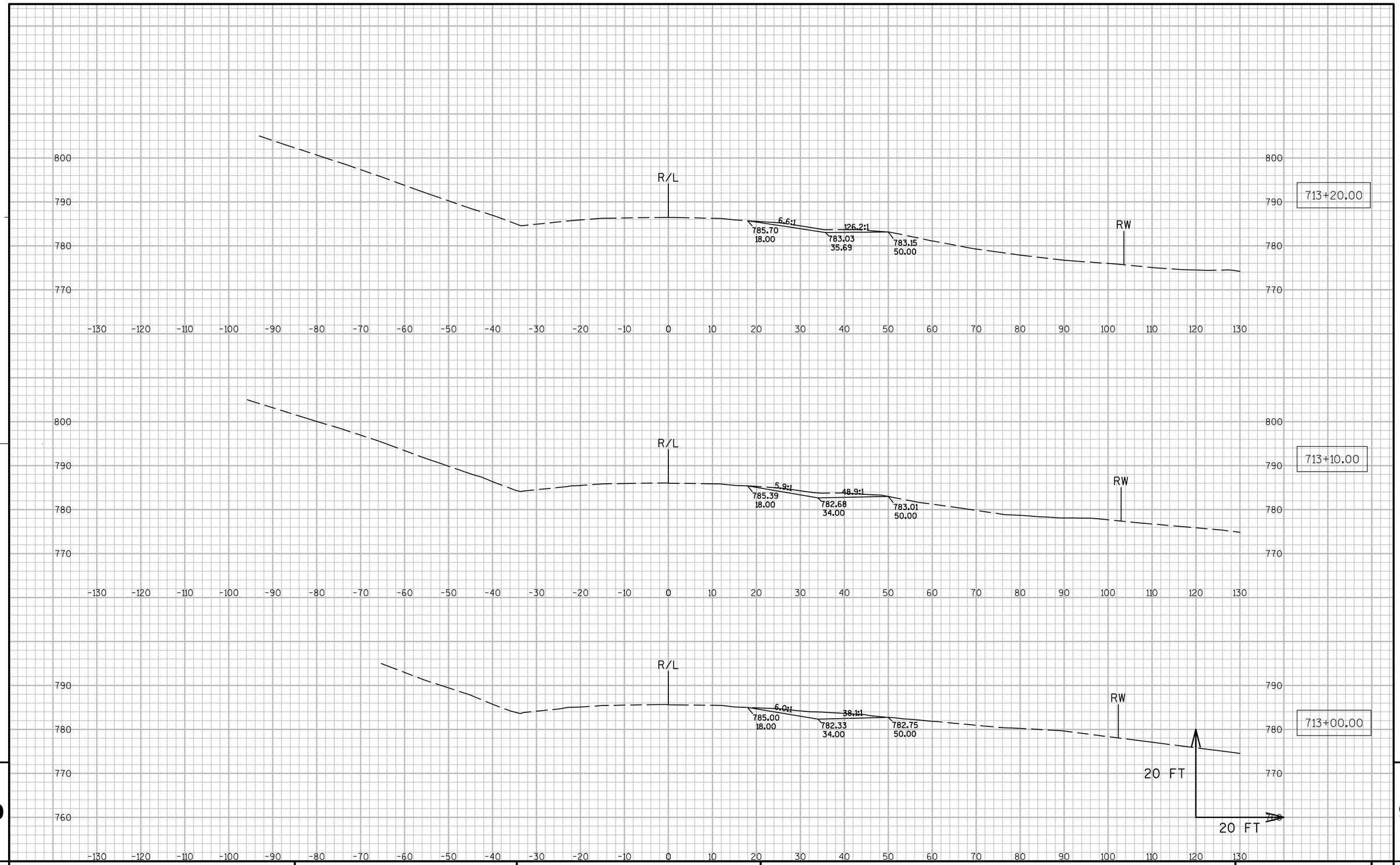


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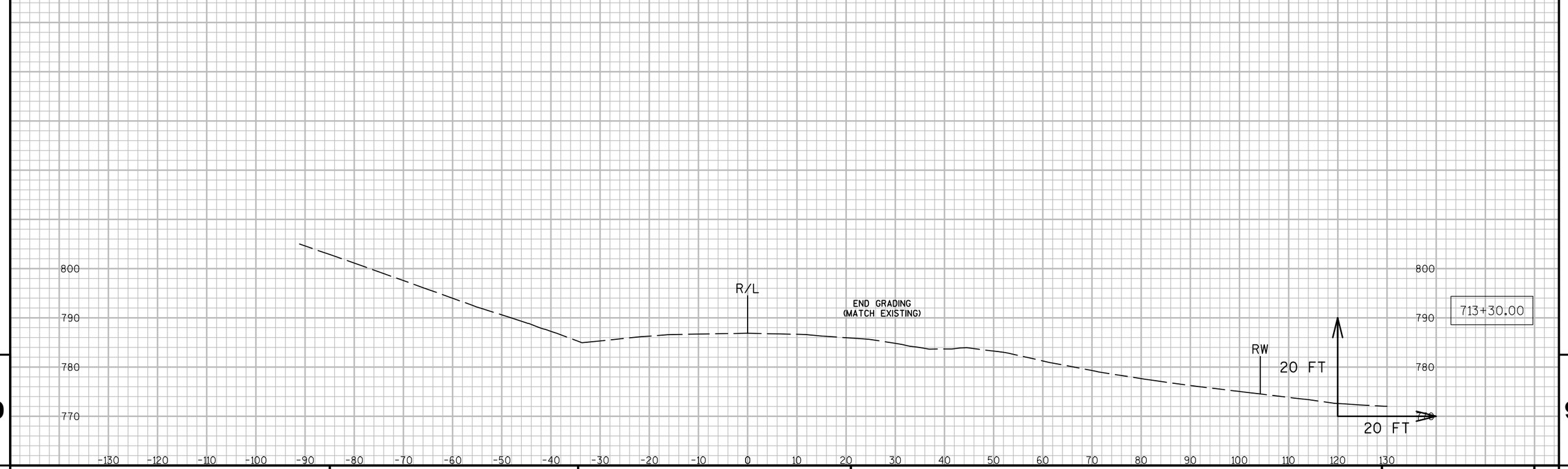
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 712+86, RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090277_XS.DWG PLOT DATE : 3/29/2016 9:58 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 712+86, RT.)	SHEET	E

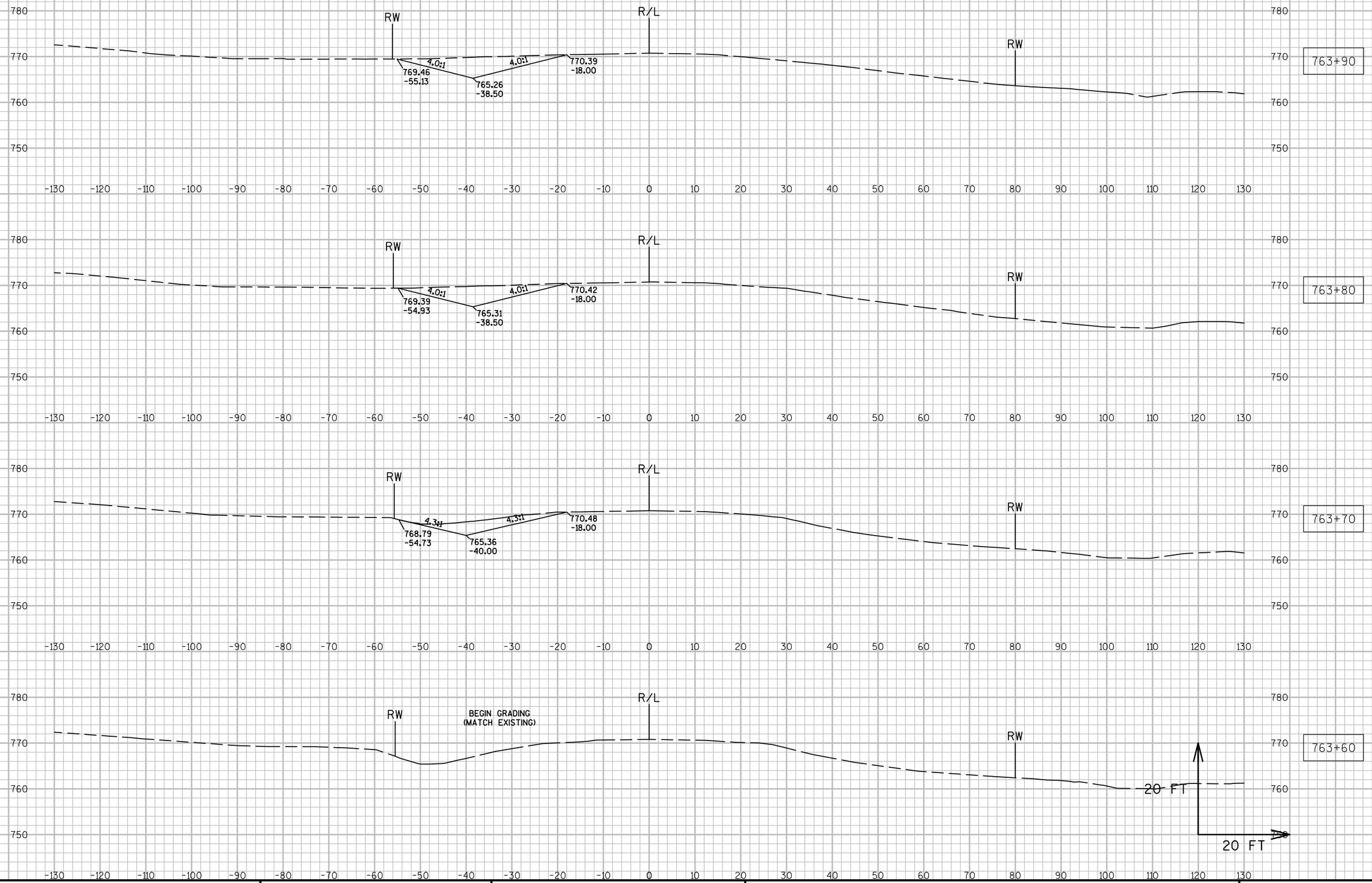


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 712+86, RT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090277_XS.DWG PLOT DATE : 3/29/2016 9:58 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

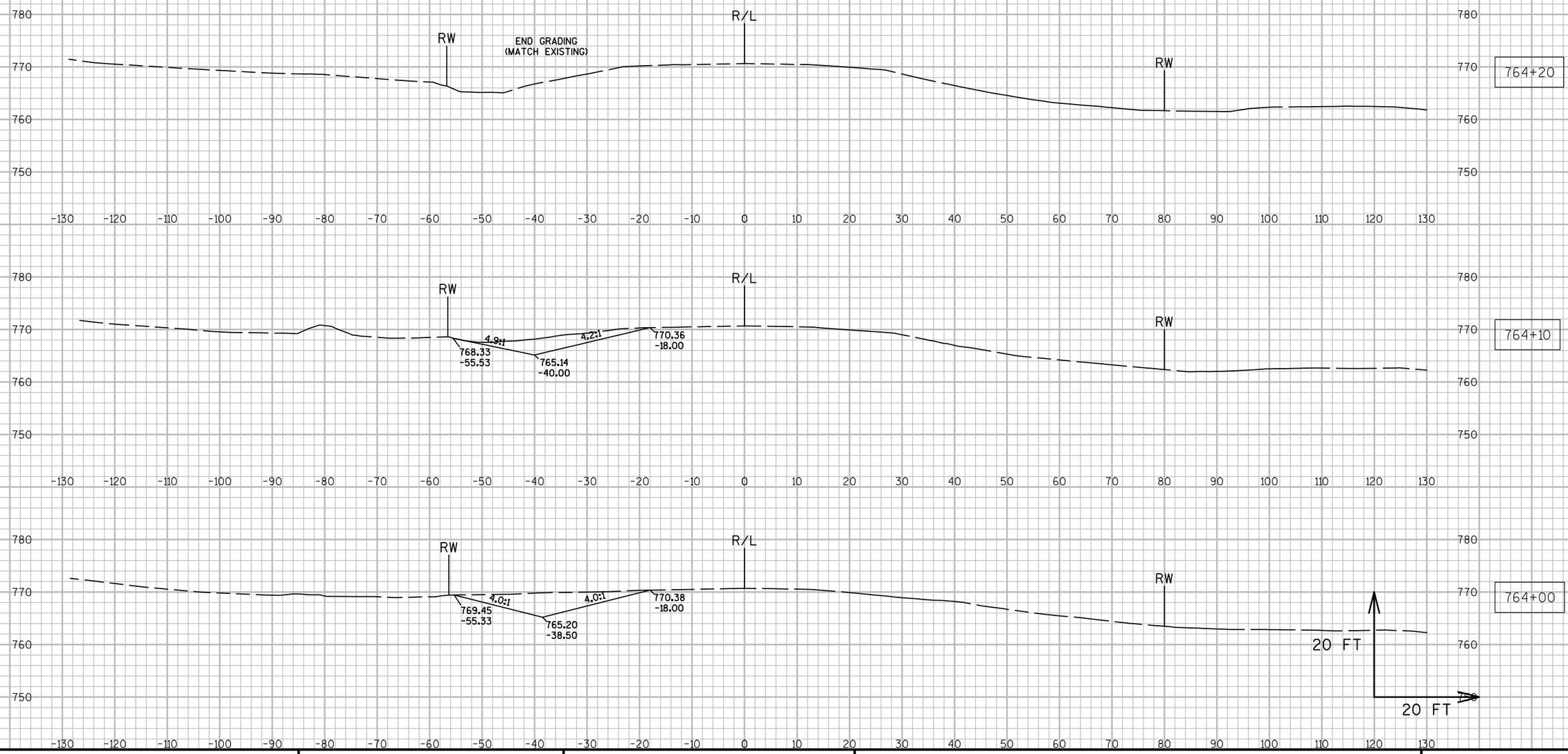


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 763+90, LT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090280_XS.DWG PLOT DATE : 3/29/2016 10:02 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



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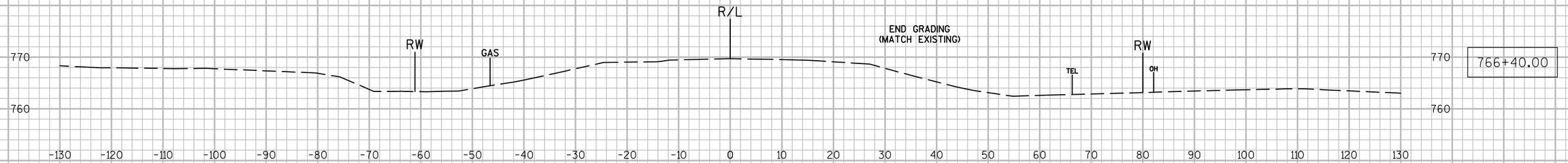
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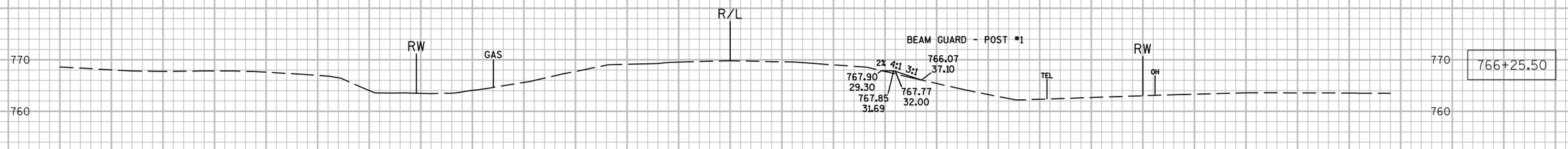
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 763+90, LT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090280_XS.DWG PLOT DATE : 3/29/2016 10:02 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

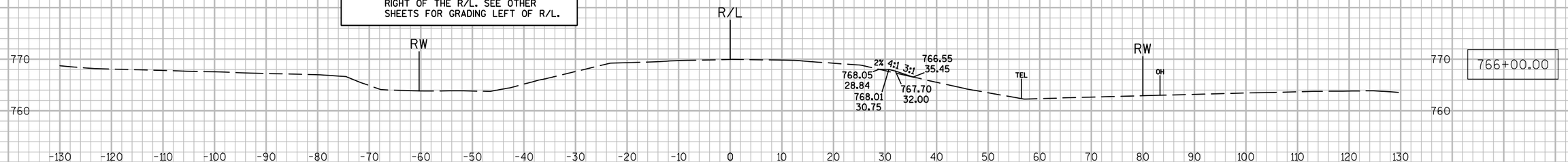
BEAM GUARD - POST *5, 766+50.50
BEAM GUARD - POST *9, 766+75.50
NOT SHOWN - NO GRADING NEEDED

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"





NOTE: THESE SHEETS SHOW ONLY GRADING RIGHT OF THE R/L. SEE OTHER SHEETS FOR GRADING LEFT OF R/L.





9

9

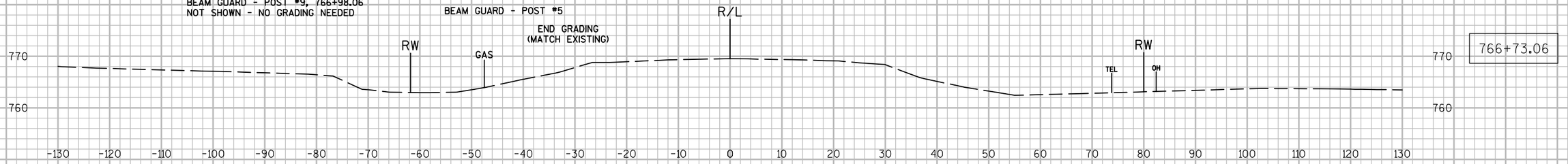
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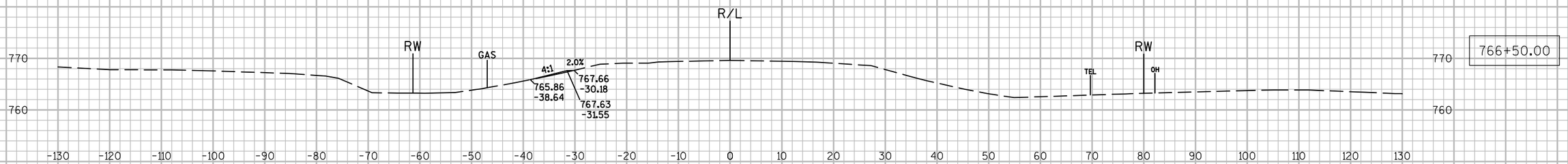
BEAM GUARD - POST #9, 766+98.06
NOT SHOWN - NO GRADING NEEDED

BEAM GUARD - POST #5

END GRADING
(MATCH EXISTING)



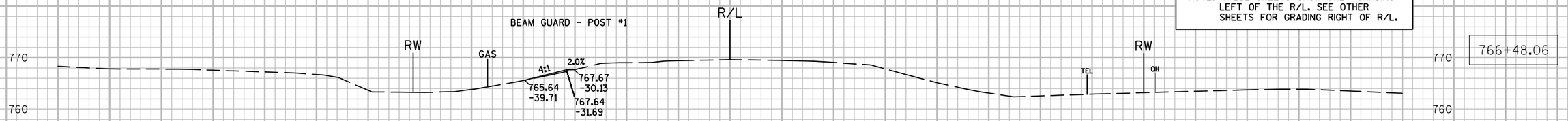
766+73.06



766+50.00

NOTE: THESE SHEETS SHOW ONLY GRADING LEFT OF THE R/L. SEE OTHER SHEETS FOR GRADING RIGHT OF R/L.

BEAM GUARD - POST #1



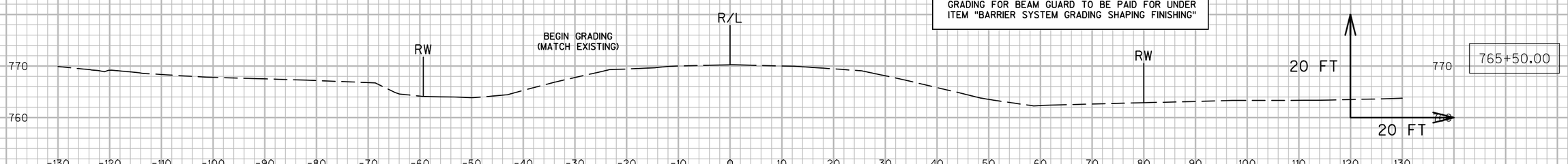
766+48.06



766+00.00

- FOR INFO ONLY -
GRADING FOR BEAM GUARD TO BE PAID FOR UNDER ITEM "BARRIER SYSTEM GRADING SHAPING FINISHING"

BEGIN GRADING
(MATCH EXISTING)

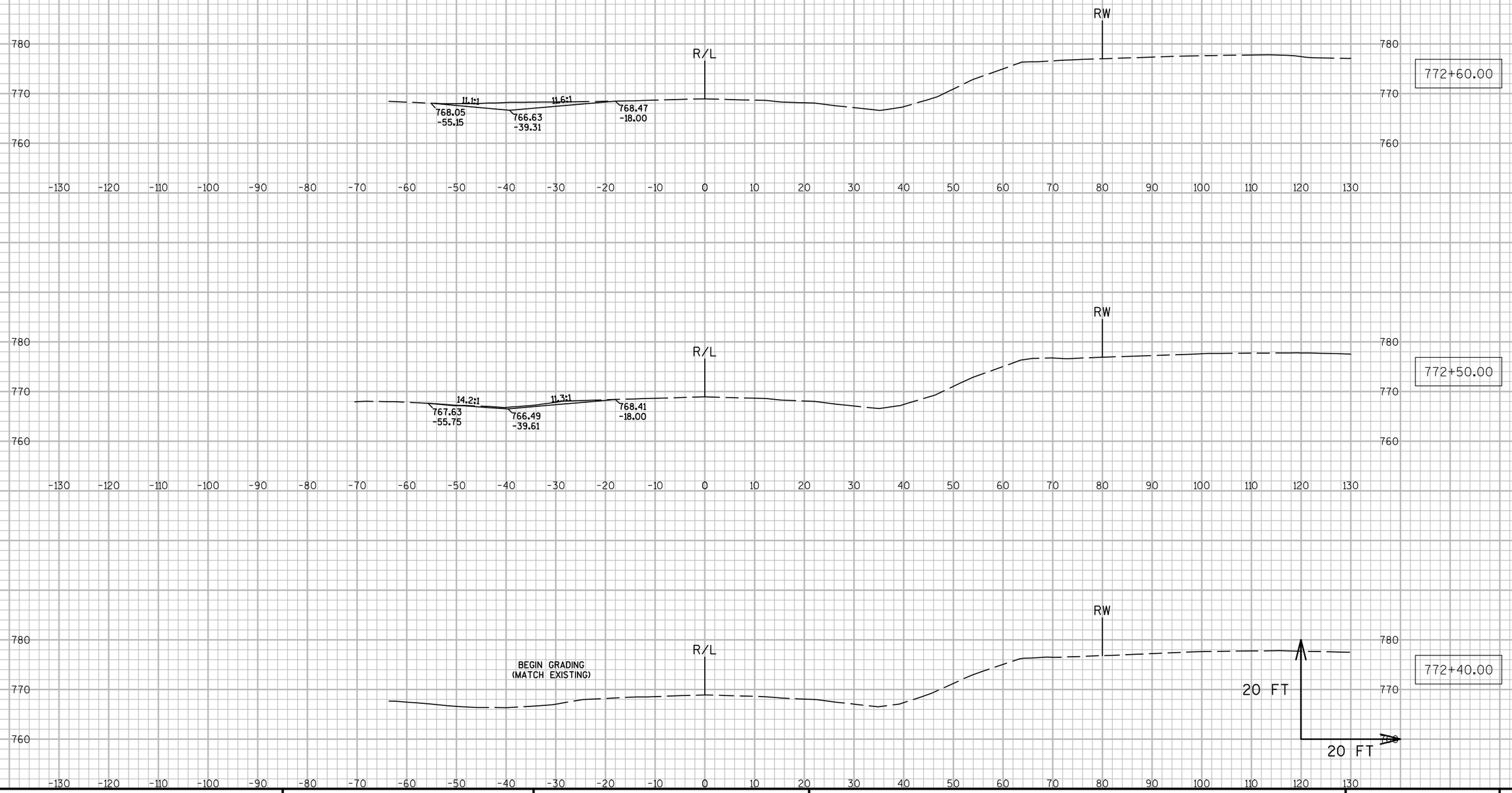


765+50.00

9

9

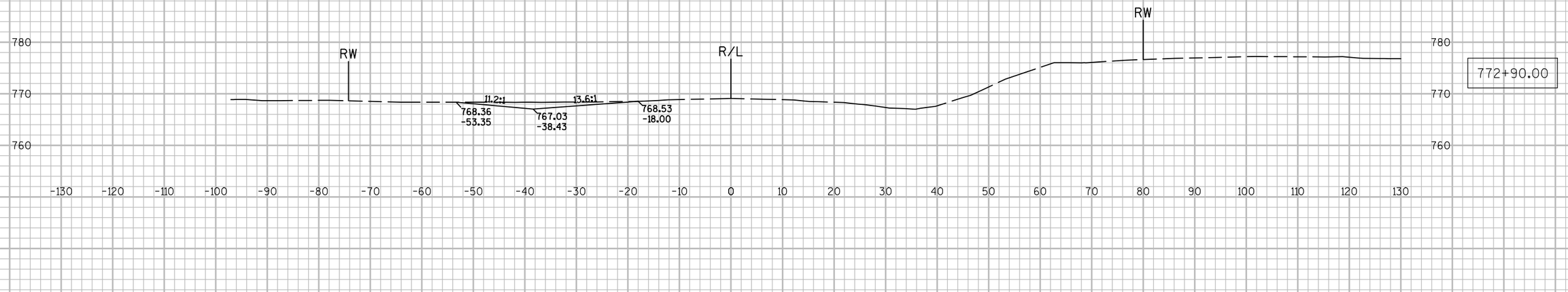
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54 (BEAM GUARD GRADING - LT.)	SHEET	E



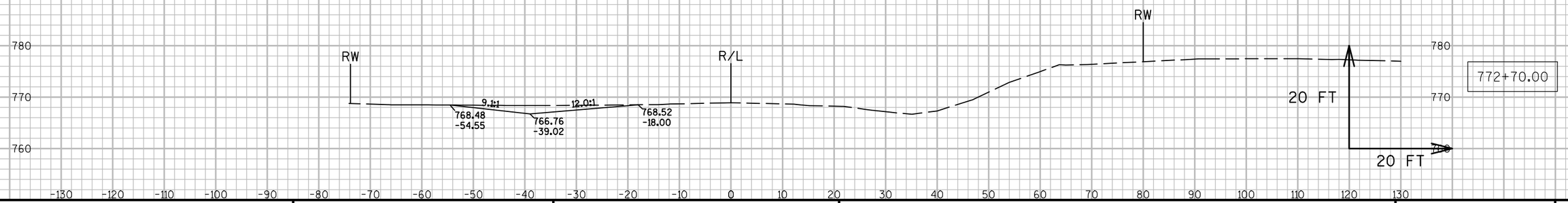
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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 772+74, LT.)	SHEET	E





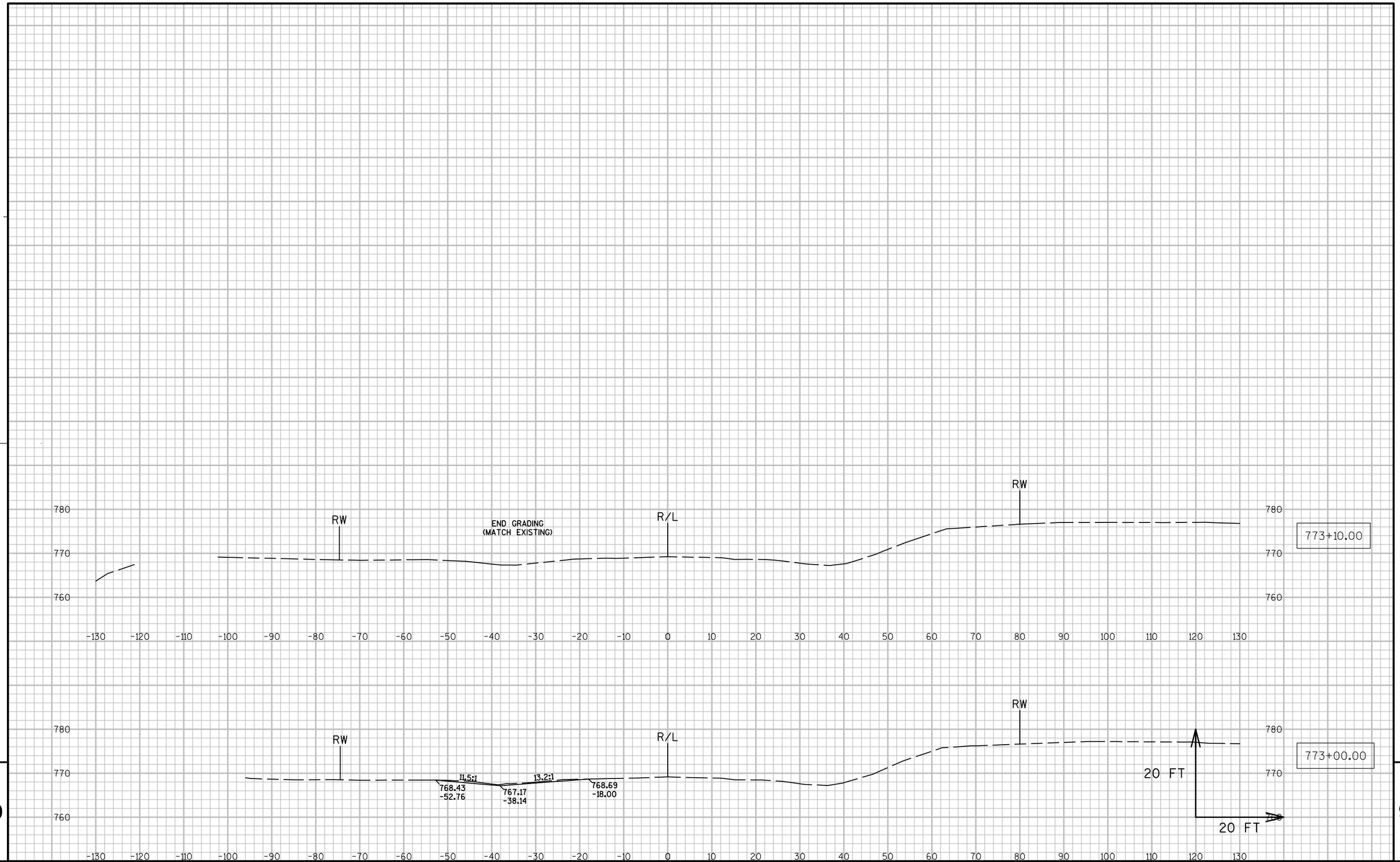


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PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 772+74, LT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090290_XS.DWG PLOT DATE : 3/29/2016 10:15 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF

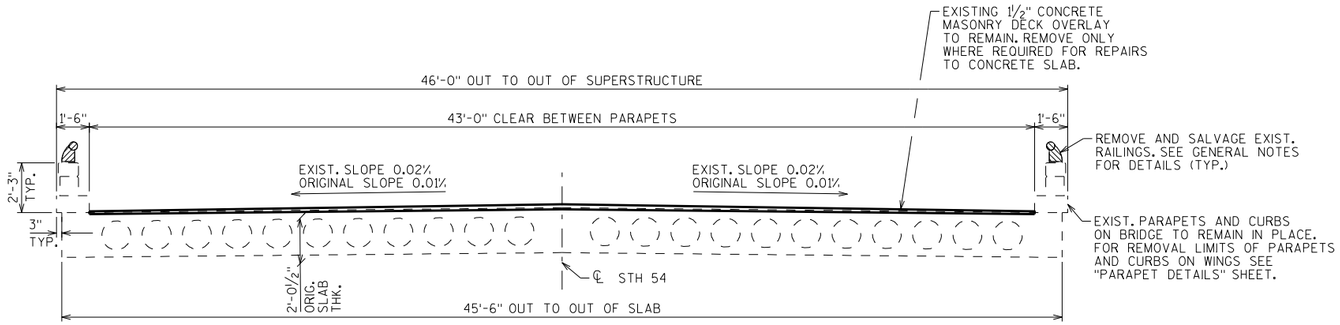


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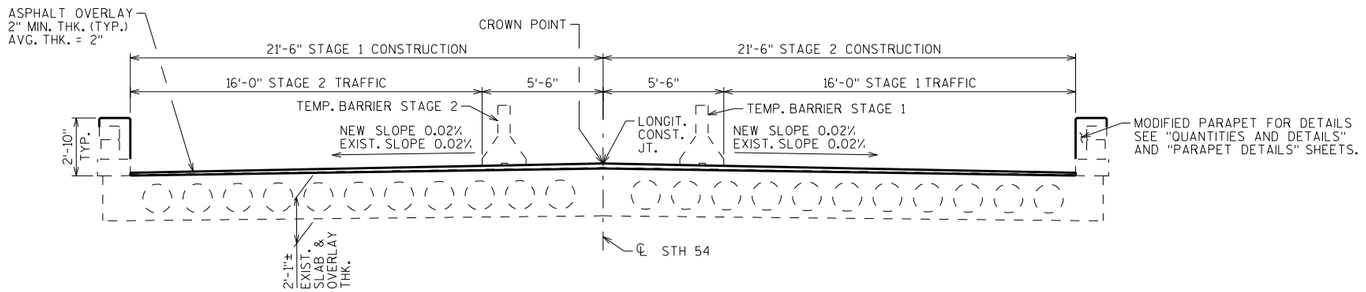
PROJECT NO: 7550-01-70	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAY REMOVAL (STA. 772+74, LT.)	SHEET	E

FILE NAME : N:\PDS\C3D\75500130\SHEETSPLAN\090290_XS.DWG PLOT DATE : 3/29/2016 10:15 AM PLOT BY : HETRICK, ADAM M PLOT NAME : PLOT SCALE : 1:20_XREF



EXISTING CROSS SECTION THRU ROADWAY

LOOKING NORTH

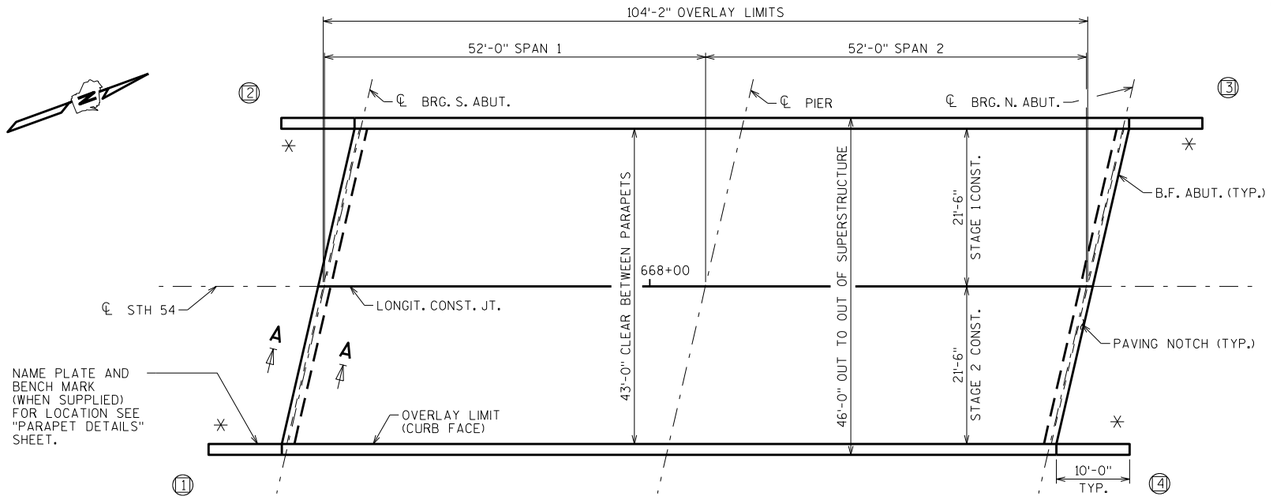


PROPOSED CROSS SECTION THRU ROADWAY

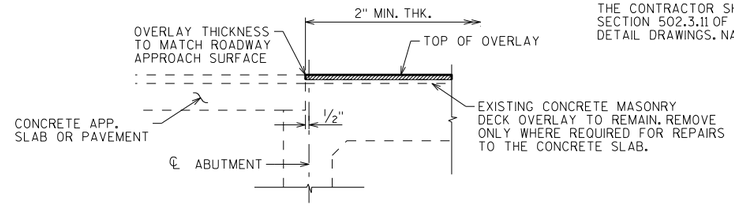
LOOKING NORTH

✳ PROVIDE FOR THRIE BEAM GUARD RAIL ATTACHMENT. AT UNUSED ANCHOR ASSEMBLIES CAULK HOLES SHUT WITH "100% SILICONE CAULK".

(n) INDICATES WING NUMBER



PLAN



SECTION A-A

LIST OF DRAWINGS

1. ASPHALT OVERLAY
2. QUANTITIES & DETAILS
3. PARAPET DETAILS

DESIGN DATA

LIVE LOAD:

INVENTORY RATING; HS-12
OPERATIONAL RATING; HS-20
MAXIMUM STANDARD PERMIT VEHICLE LOAD = 140 KIPS.

MATERIAL PROPERTIES:

CONCRETE MASONRY BRIDGES ——— f'c = 4,000 P.S.I.
CONCRETE MASONRY DECK PATCHING ——— f'c = 4,000 P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60 ——— fy = 60,000 P.S.I.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING ORIGINAL STRUCTURE PLANS.

REMOVAL OF THE EXISTING CONCRETE MASONRY OVERLAY ABOVE AREAS REQUIRING "PREPARATION DECK TYPE 1", "PREPARATION DECK TYPE 2", AND "FULL DEPTH DECK REPAIR" SHALL BE INCLUDED WITH THOSE BID ITEMS.

AREAS OF "PREPARATION DECK TYPE 1", "PREPARATION DECK TYPE 2", AND "FULL DEPTH DECK REPAIR" SHALL BE DELINEATED BY A 1" DEEP SAW CUT ON THE EXISTING CONCRETE MASONRY OVERLAY AND AN ADDITIONAL 1" DEEP SAW CUT ON THE EXISTING CONCRETE SLAB AFTER THE OVERLAY IS REMOVED.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND TOP OF THE PARAPETS, INCLUDING PARAPETS ON THE ABUTMENT WINGS.

CONTACT THE BUREAU OF STRUCTURES BEFORE PLACEMENT OF OVERLAY IF THE AVERAGE THICKNESS OF THE NEW OVERLAY WILL EXCEED THE AVERAGE OVERLAY SHOWN ON THE PLANS BY MORE THAN ½".

AREAS FOR "PREPARATION DECK TYPE 1", "PREPARATION DECK TYPE 2" & "FULL DEPTH DECK REPAIR" SHALL BE DETERMINED BY THE FIELD ENGINEER. DECK REPAIRS SHALL BE PAID UNDER THE BID ITEM "CONCRETE MASONRY DECK PATCHING" TO THE TOP OF THE EXISTING CONCRETE MASONRY SLAB.

THE PLAN QUANTITY FOR THE BID ITEM "HMA PAVEMENT TYPE E-3 SPECIAL" IS BASED ON THE AVERAGE OVERLAY THICKNESS.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

REMOVE AND SALVAGE THE EXISTING RAILINGS (INCLUDING RAILS, POSTS, AND ALL ASSOCIATED HARDWARE). AFTER REMOVAL, THE RAILINGS ARE TO BE SET ASIDE AND SHALL REMAIN THE PROPERTY OF OF THE STATE OF WISCONSIN. THE CONTRACTOR WILL COORDINATE WITH JACKSON COUNTY HIGHWAY DEPARTMENT AS TO WHEN THE RAILINGS ARE READY TO BE PICKED UP. THIS SHALL BE INCIDENTAL TO "REMOVING OLD STRUCTURES STA. 668+00".

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR 1965.

STRUCTURE DESIGN CONTACT:

MICAH BROOKS (608) 266-5080
LAURA SHADEWALD (608) 267-9592

NO.	DATE	REVISION	BY

Plans Prepared By **WISDOT**
BUREAU OF STRUCTURES

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STATE PROJECT NUMBER
7550-01-70

STRUCTURE B-27-61

STH 54 OVER SQUAW CREEK

COUNTY	TOWN ~~CITY/VILLAGE~~
JACKSON	ALBION

DESIGN SPEC.	
REHABILITATION	N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
MWB	BLB	MWB	BLB

ASPHALT OVERLAY

SHEET 1 OF 3

I.D. 7550-01-30A

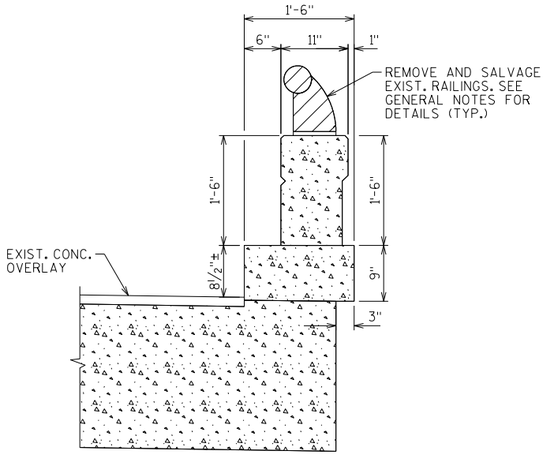
DATE: JULY 2015

SCALE = 10

8

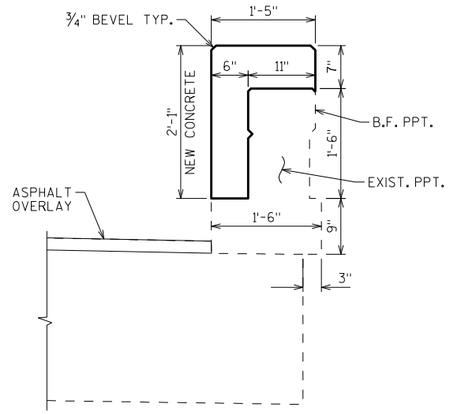
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STATE PROJECT NUMBER
7550-01-70



EXISTING SECTION

ON BRIDGE



SECTION THRU MODIFIED PARAPET

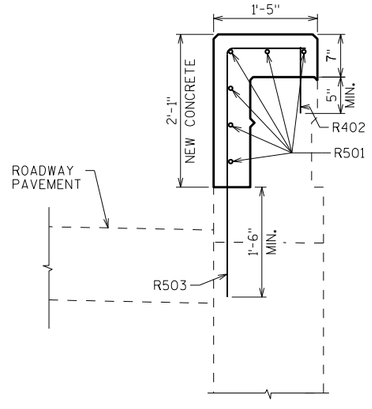
(BAR STEEL NOT SHOWN FOR CLARITY)

FOR SECTION LOCATIONS SEE "PARAPET DETAILS" SHEET.

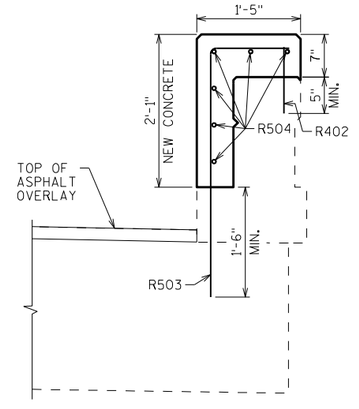
✳ BID ITEM INCLUDES CONCRETE FOR:
"PREPARATION DECKS TYPE 1"
"PREPARATION DECKS TYPE 2"
AND "FULL DEPTH DECK REPAIR"

TOTAL ESTIMATED QUANTITIES

	BID ITEM NUMBER	BID ITEMS	UNIT	QUANTITY
	203.0210.S	ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-27-61	LS	1
	455.0605	TACK COAT	GAL	35
	502.0100	CONCRETE MASONRY BRIDGES	CY	15
	502.3210	PIGMENTED SURFACE SEALER	SY	98
	502.5005	MASONRY ANCHORS TYPE L NO. 5 BARS	EACH	252
	502.6102	MASONRY ANCHORS TYPE S 1/2-INCH	EACH	252
	505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2900
	509.0301	PREPARATION DECKS TYPE 1	SY	67
	509.0302	PREPARATION DECKS TYPE 2	SY	8
	509.1500	CONCRETE SURFACE REPAIR	SF	1
	509.2000	FULL-DEPTH DECK REPAIR	SY	1
	509.9050.S	CLEANING PARAPETS	LF	252
	614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	4
✳	SPV.0035	CONCRETE MASONRY DECK PATCHING	CY	6
	SPV.0090	SAWING PAVEMENT DECK PREPARATION AREAS	LF	330
	SPV.0105	REMOVING BRIDGE RAILINGS B-27-61	LS	1
	SPV.0195	HMA PAVEMENT TYPE E-3 SPECIAL	TON	64
		NON-BID ITEMS		
		FILLER	SIZE	½"



SECTION B-B



SECTION C-C

ON BRIDGE

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-27-61

DRAWN BY MWB | PLANS CK'D. BLB

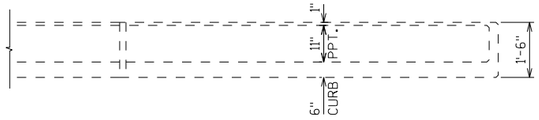
QUANTITIES & DETAILS

SHEET 2

SCALE = 1

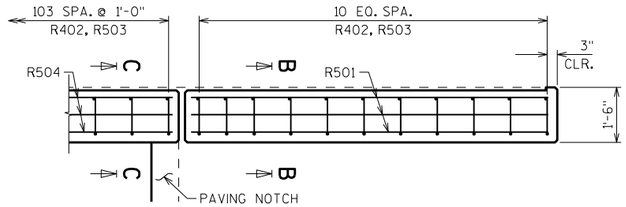
STATE PROJECT NUMBER

7550-01-70



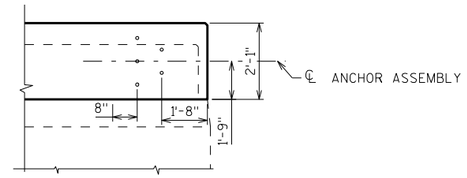
PLAN VIEW - EXISTING

(WINGS 1 & 3 SHOWN, WINGS 2 & 4 SIMILAR)



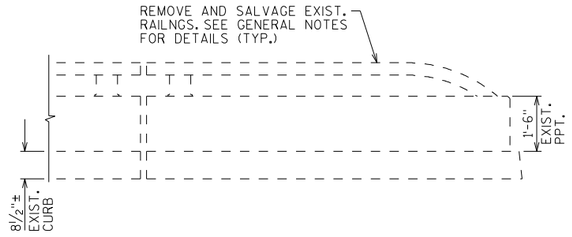
PLAN VIEW - MODIFIED PARAPETS

(WINGS 1 & 3 SHOWN, WINGS 2 & 4 SIMILAR)



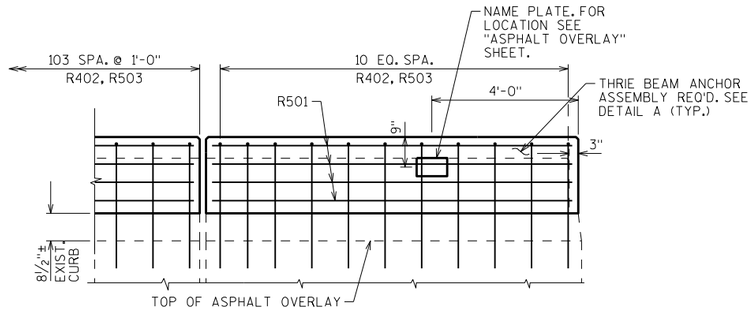
DETAIL A

(BAR STEEL NOT SHOWN FOR CLARITY)



INSIDE ELEVATION - EXISTING

(WINGS 1 & 3 SHOWN, WINGS 2 & 4 SIMILAR)



INSIDE ELEVATION - MODIFIED PARAPETS

(WINGS 1 & 3 SHOWN, WINGS 2 & 4 SIMILAR)

NOTES

SEE "QUANTITIES AND DETAILS" SHEET FOR SECTION B-B AND SECTION C-C.

SALVAGE AND REUSE ANY EXPOSED EXIST. REINFORCEMENT.

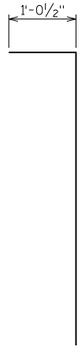
▲ MASONRY ANCHORS TYPE S ½ INCH

◪ MASONRY ANCHORS TYPE L NO. 5 BARS EPOXY ANCHORED

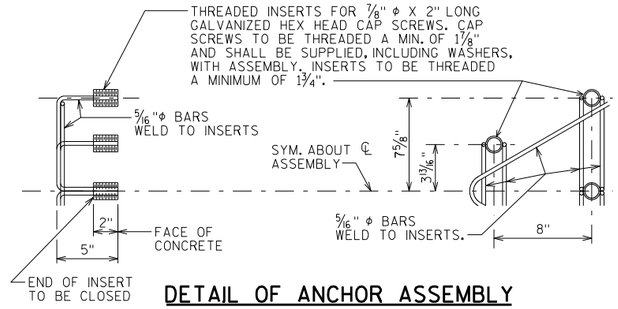
BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

	BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
	R501	X	24	9-8			PPT. AT WINGS - HORIZ
▲	R402	X	252	0-11			CONCRETE MASONRY ANCHORS - B.F.
◪	R503	X	252	4-5	X		CONCRETE MASONRY ANCHORS - F.F.
	R504	X	24	53-3			PPT. ON BRIDGE - HORIZ.



R503



DETAIL OF ANCHOR ASSEMBLY

NOTE: HEX HEAD CAP SCREWS & WASHERS TO BE GALVANIZED IN ACCORDANCE WITH AASHTO M232 CLASS C.

ASSEMBLY SHALL BE BID ITEM "ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD", EACH.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-27-61

DRAWN BY MWB | PLANS CK'D. BLB

PARAPET DETAILS

SHEET 3

SCALE = 2

PROJECT ID: 7550-01-72
WITH: 7550-01-70 & 7550-03-73

COUNTY: JACKSON

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =



N

DESIGN DESIGNATION

A.A.D.T.	(2016)	=	2800
A.A.D.T.	(2036)	=	3200
D.H.V.	(2036)	=	343
D.D.		=	60/40
T.		=	7.6%
DESIGN SPEED		=	55 MPH
ESALS		=	533,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MELROSE - BLACK RIVER FALLS

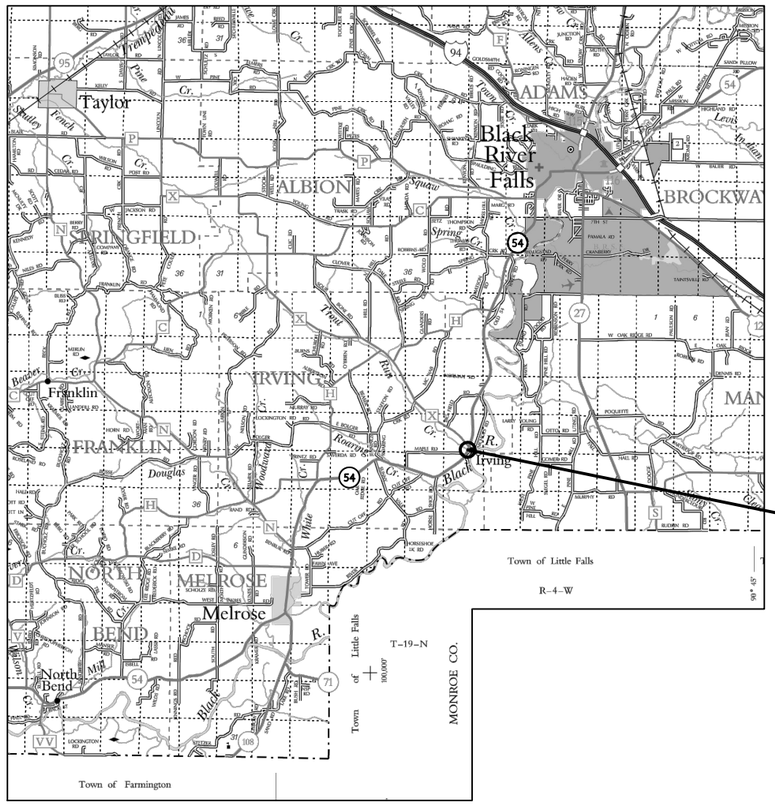
TROUT RUN CREEK BRIDGE B-27-0067

STH 54

JACKSON COUNTY

STATE PROJECT NUMBER
7550-01-72

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7550-01-72		



LAYOUT
SCALE 0 2 MILE

TOTAL NET LENGTH OF CENTERLINE = 0.055 MI.

PROJECT 7550-01-72
B-27-0067
(CONCRETE OVERLAY)
BEGIN STA. 458+44
Y = 58356.193
X = 73492.983
END STA. 461+32

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM, ZONE 9627, NAD83 (2007), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	NW REGION
Designer	ADAM HETRICK
Project Manager	DAVID KOEPP
Regional Examiner	TOU YANG
Regional Supervisor	TIM MASON

APPROVED FOR THE DEPARTMENT

DATE:_____ _____
(Signature)

E

2

UTILITIES & OTHER CONTACTS

ELECTRICITY - DISTRIBUTION

KEVIN BABCOCK
JACKSON ELECTRIC COOPERATIVE
119 HARRISON ST
P.O. BOX 546
BLACK RIVER FALL, WI 54615
715-284-5385

DNR REGIONAL TRANSPORTATION LIASON
KAREN KALVELAGE
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
3550 MORMON COULEE ROAD
LA CROSSE, WI 54601
608-785-9115

DIGGERS HOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

GENERAL NOTES

THE LOCATIONS OF EXISTING & PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, TO BE SEEDED, FERTILIZED AND MULCHED AS DIRECTED BY THE ENGINEER. ALL OTHER DISTURBED AREAS ARE TO BE SEEDED, FERTILIZED AND MULCHED AT THE CONTRACTORS EXPENSE.

NO TREES, SHRUBS, OR PRIVATE PLANTINGS ARE TO BE REMOVED WITHOUT PRIOR APPROVAL OF THE ENGINEER.

PLAN ELEVATIONS = NAVD 88

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE APPROXIMATE LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTORS EROSION CONTROL IMPLEMENTATION PLAN AND APPROVED BY THE ENGINEER IN CONSULTATION WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES.

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONTACT THE COUNTY SURVEYOR CONCERNING MONUMENT AND PROPERTY CORNER PRESERVATION.

ASPHALIC PAVEMENT FOR SHOULDERS UP TO 4 INCHES IN DEPTH MAY BE PLACED IN ONE LIFT.

WHEN THE QUANTITY OF THE ITEM OF BASE AGGREGATE DENSE OR HMA / ASPHALTIC PAVEMENT IS MEASURED BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

RIGHTS-OF-ENTRY FOR CONSTRUCTION HAVE BEEN OBTAINED. WHICH RIGHTS SHALL BE EXTENDED TO THE CONTRACTOR.

MISCELLANEOUS REMOVAL ITEMS REQUIRING RESTORATION OF CONCRETE OR ASPHALTIC CONCRETE DRIVEWAYS, SIDEWALKS, OR SIDE STREETS SHALL BE REMOVED TO AN EXISTING JOINT OR SAWED AS DETERMINED BY THE ENGINEER OR AS SHOWN ON THE PLANS.

TYPICAL FINISHED SECTIONS SHOW THE GENERAL ROADWAY FEATURES THROUGHOUT THE PROJECT. PAVEMENT, SLOPES, BORDER SLOPES, ETC., MAY VARY WITHIN THE STATION LIMITS OF THE STATION SECTION.

OVERHAUL WILL NOT BE PAID ON THIS PROJECT.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE THE ENGINEER, THE JACKSON COUNTY HIGHWAY DEPARTMENT, AND THE TOWN OF IRVING WITH THE NAME AND TELEPHONE NUMBER OF A LOCAL PERSON RESPONSIBLE FOR EMERGENCY MAINTENANCE OF TRAFFIC CONTROL DEVICES.

CONSTRUCTION SURVEY CONTROL POINTS TO BE PROVIDED BY THE ENGINEER PRIOR TO CONSTRUCTION.

ABBREVIATIONS

ACCESS POINT	A.P.	LENGTH OF CURVE	L.	SECTION	SEC.
ACRES	AC.	LIMITED HIGHWAY EASEMENT	L.H.E.	SHED	S
AHEAD	AH.	MILE	MI.	SOUTHEAST	SE
AND OTHERS	ET AL	NORTHEAST	NE	SOUTHWEST	SW
BACK	BK.	NORTHWEST	NW	STATION	STA.
BARN	B	PERMANENT	PERM.	STREET	ST.
BUILDINGS	BLDGS.	POINT OF CURVATURE	P.C.	TANGENT	TAN.
CENTRAL ANGLE	Δ	POINT OF INTERSECTION	P.I.	TAVERN	TAV.
CHANNEL CHANGE	CH. CH.	POINT OF TANGENCY	P.T.	TEMPORARY	TEMP.
COMPANY	COM.	POINT OF COMPOUND CURVE	P.C.C.	UNITED STATES COAST &	U.S.C. & G.S.
CORNER	COR.	POINT OF REVERSE CURVE	P.R.C.	GEODETIC SURVEY	
CORPORATION	CORP.	POINT ON CURVE	P.O.C.		
COUNTY	CO.	PROJECT	PROJ.	UNITED STATES GEOLOGICAL	U.S.G.S.
COUNTY TRUNK HIGHWAY	C.T.H.	PROPERTY LINE	P.L.	SURVEY	
CREEK	CR.	QUIT CLAIM DEED	Q.C.D.		
DEGREE OF CURVE	D	RADIUS	R	UNITED STATES HIGHWAY	U.S.H.
GARAGE	G	RAILROAD	RR	WELL	W
GOVERNMENT	GOV'T.	RAILWAY	RY		
HOUSE	H	REQUIRED	REQ'D.		
HOUSE TRAILER	H.T.	RIGHT	RT.		
INCORPORATED	INC.	RIGHT OF WAY	R/W		
IRON PIN	I.P.	ROAD	RD.		
LEFT	LT.				

PROJECT NO: 7550-01-72	HWY: STH 54	COUNTY: JACKSON	GENERAL NOTES	SHEET	E

END PROJECT 7550-01-70
STA. 851+50

B-27-0061 (ASPHALTIC OVERLAY)
STA. 767+58 - 768+63

EXCEPTION TO NET LENGTH OF CENTERLINE
B-27-0076 STA. 333+10 - 333+81

PROJECT 7550-01-72
B-27-0067 (CONCRETE OVERLAY)
STA. 459+20 - 460+56

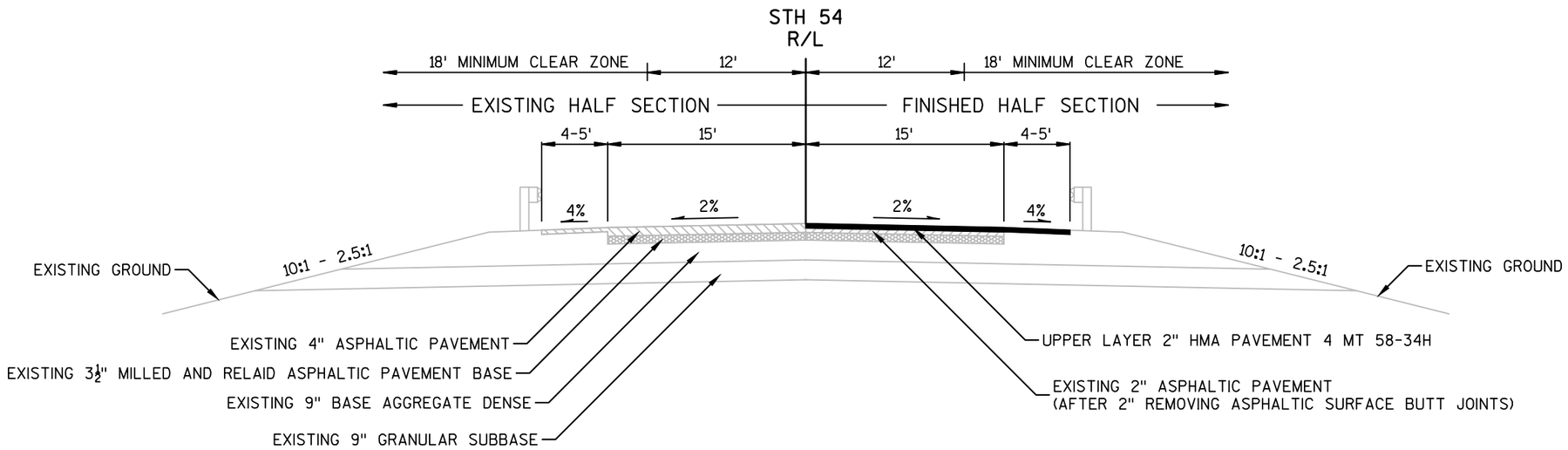
EXCEPTION TO NET LENGTH OF CENTERLINE
B-27-0016 STA. 109+23 - 110+67

BEGIN PROJECT 7550-01-70
STA. 35+02

PROJECT NO: 7550-01-70 & 7550-01-72	HWY: STH 54	COUNTY: JACKSON	PROJECT OVERVIEW	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500102\SHEETSPLAN\020201_PO.DWG PLOT DATE : 8/22/2016 12:21 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1" = 0.5025'

2



TYPICAL HALF SECTION

STA. 458+44 - STA. 459+22
STA. 460+54 - STA. 461+32

NOTE: SEE STRUCTURE PLAN FOR TYPICAL SECTIONS OF B-27-0067, STA. 459+22 - 460+54.

PROJECT NO: 7550-01-72	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500102\SHEETSPLAN\020340_TS.DWG PLOT DATE : 8/22/2016 12:21 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:10 FT

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

PI STA = 447+96.15
Y = 57289.506
X = 73138.798
DELTA = 37°28'05"
D = 1°49'59"
T = 1060.09'
L = 2044.08'
R = 3125.79'
PC STA = 437+36.06
PT STA = 457+80.14

N

EXISTING R/W

PT: 457+80.14

BY OTHERS

B-27-0067
CONCRETE MASONRY OVERLAY
STA. 459+20 - STA. 460+56

END PROJECT 7550-01-72
STA. 461+32 STH 54

BY OTHERS

460

STH 54

N18° 22' 06.05"E
1760.736

BY OTHERS

BY OTHERS

BEGIN PROJECT 7550-01-72
STA. 458+44 STH 54

ADJUSTING STEEL PLATE BEAM GUARD
STA. 458+86 - STA. 459+20, RT.
STA. 458+91 - STA. 459+25, LT.
STA. 460+51 - STA. 460+85, RT.
STA. 460+57 - STA. 460+91, LT.

TROUT RUN CREEK

RUINS

EXISTING R/W

OH

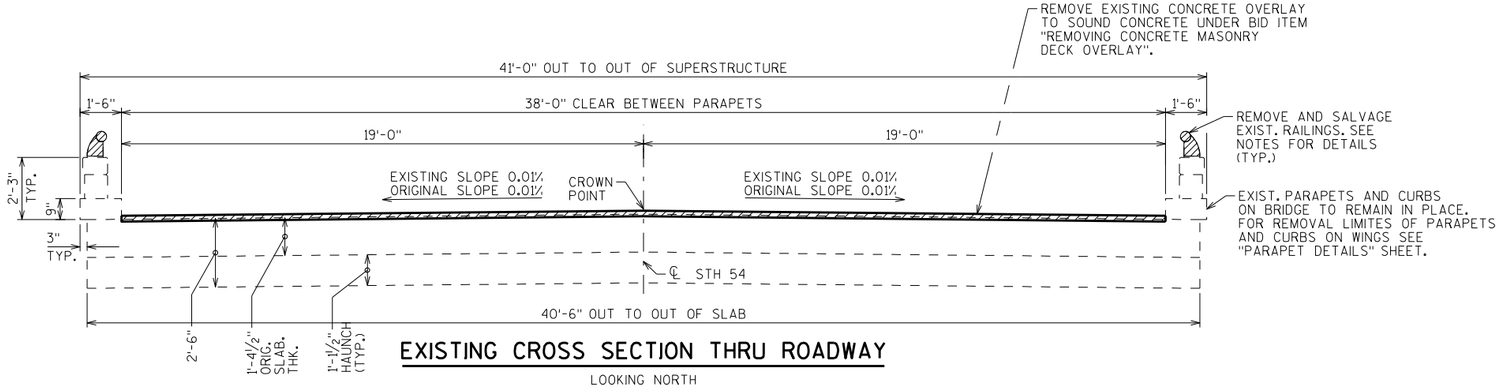
JACKSON ELECTRIC COOPERATIVE

JOHN DEERE RD.

SEPTIC

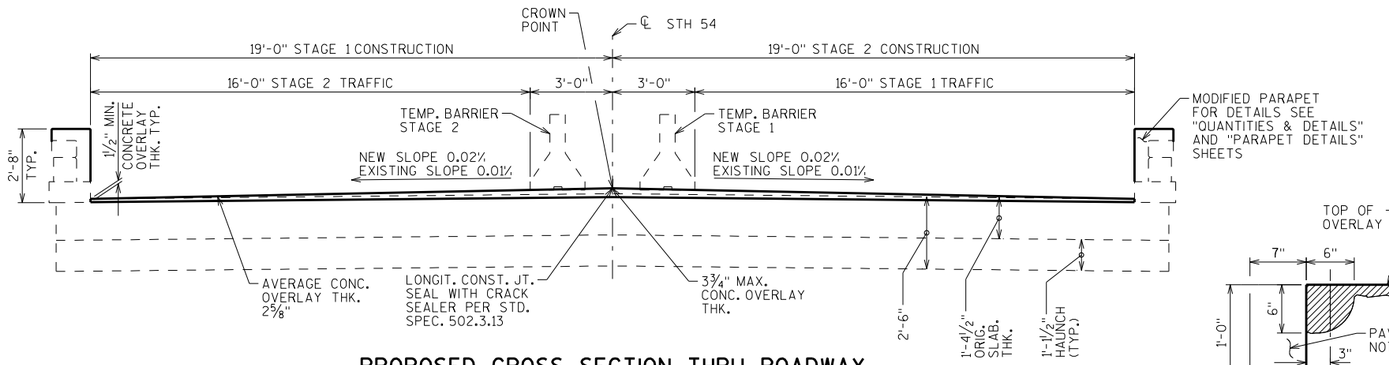
SCALE, FEET 0 25 50

PROJECT NO: 7550-01-72	HWY: STH 54	COUNTY: JACKSON	PLAN	SHEET	E



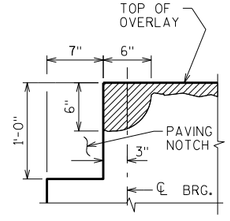
EXISTING CROSS SECTION THRU ROADWAY

LOOKING NORTH



PROPOSED CROSS SECTION THRU ROADWAY

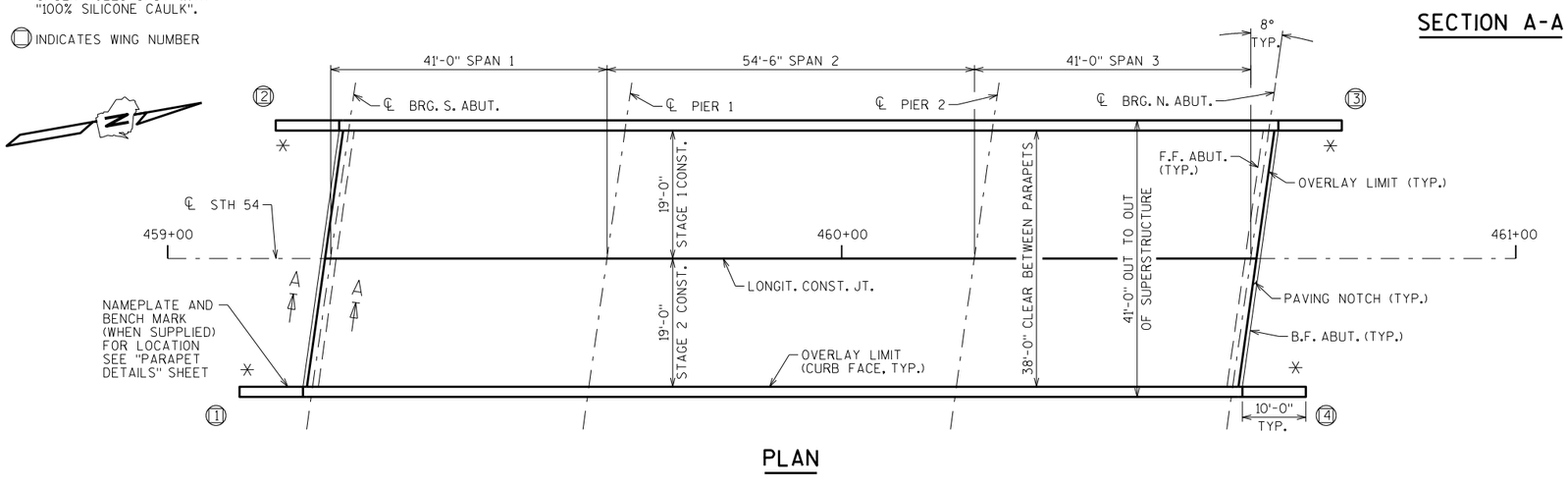
LOOKING NORTH



SECTION A-A

✳ PROVIDE FOR THRIE BEAM GUARD RAIL ATTACHMENT AT UNUSED ANCHOR ASSEMBLIES CAULK HOLES SHUT WITH "100% SILICONE CAULK".

⬡ INDICATES WING NUMBER



PLAN

DESIGN DATA

LIVE LOAD:

INVENTORY RATING; HS-13
OPERATIONAL RATING; HS-22
MAXIMUM STANDARD PERMIT VEHICLE LOAD = 130 KIPS.

MATERIAL PROPERTIES:

CONCRETE MASONRY BRIDGES ——— f'c = 3,500 P.S.I.
CONCRETE MASONRY OVERLAY DECKS ——— f'c = 4,000 P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60 ——— fy = 60,000 P.S.I.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING ORIGINAL STRUCTURE PLANS.

CONTACT THE BUREAU OF STRUCTURES BEFORE PLACEMENT OF OVERLAY IF THE AVERAGE THICKNESS OF THE NEW OVERLAY WILL EXCEED THE AVERAGE OVERLAY SHOWN ON THE PLANS BY MORE THAN ½".

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY IS INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

THE EXISTING OVERLAY SHALL BE REMOVED FROM THE BRIDGE DECK UNDER THE BID ITEM "REMOVING CONCRETE MASONRY DECKS OVERLAY B-27-67".

ALL CONCRETE REMOVAL SHALL BE DEFINED BY A ½" SAW CUT.

PREPARATION DECKS TYPE 1, PREPARATION DECKS TYPE 2, FULL-DEPTH DECK REPAIR, AND CONCRETE MASONRY SURFACE REPAIR AREAS TO BE DETERMINED BY THE FIELD ENGINEER.

"CONCRETE MASONRY OVERLAY DECKS" BID ITEM INCLUDES CONCRETE FOR "PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR".

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE TOP OF NEW CONCRETE OVERLAY SURFACE.

PIGMENTED SURFACE SEALERTO BE APPLIED TO THE FRONT FACE AND TOP OF THE PARAPETS, INCLUDING PARAPETS ON THE ABUTMENT WINGS.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

REMOVE AND SALVAGE THE EXISTING RAILINGS (INCLUDING RAILS, POSTS, AND ALL ASSOCIATED HARDWARE). AFTER REMOVAL, THE RAILINGS ARE TO BE SET ASIDE AND SHALL REMAIN THE PROPERTY OF THE STATE OF WISCONSIN. THE CONTRACTOR WILL COORDINATE WITH JACKSON COUNTY HIGHWAY DEPARTMENT AS TO WHEN THE RAILINGS ARE READY TO BE PICKED UP. THIS SHALL BE PAID UNDER BID ITEM "REMOVING BRIDGE RAILINGS".

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR 1970.

STATE PROJECT NUMBER

7550-01-72

STRUCTURE DESIGN CONTACT:

MICAH BROOKS (608) 266-5080
LAURA SHADEWALD (608) 267-9592

LIST OF DRAWINGS

1. CONCRETE OVERLAY
2. QUANTITIES & DETAILS
3. PARAPET DETAILS

NO.	DATE	REVISION	BY

Plans Prepared By **WISDOT**
BUREAU OF STRUCTURES

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-27-67

STH 54 OVER TROUT RUN CREEK

COUNTY	TOWN ~~CITY/VILLAGE~~
JACKSON	IRVING

DESIGN SPEC.	
REHABILITATION	N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
MWB	JLR	MWB	JLR

CONCRETE OVERLAY

SHEET 1 OF 3

SCALE = 10.666

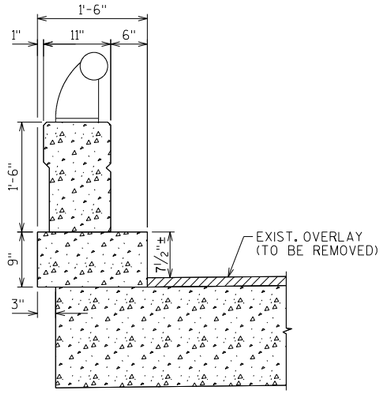
I.D. 7550-01-02A

DATE: JULY 2015

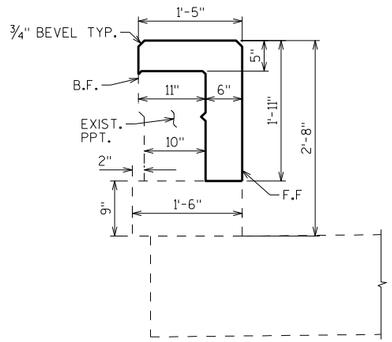
8

8

STATE PROJECT NUMBER
7550-01-72



EXISTING SECTION
ON BRIDGE



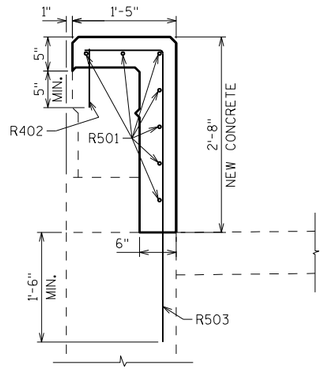
MODIFIED PARAPET SHAPE
TYP.

FOR SECTION LOCATIONS SEE
"PARAPET DETAILS" SHEET

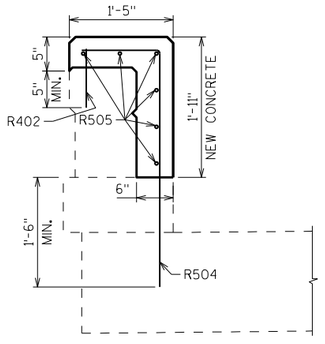
✳ BID ITEM INCLUDES CONCRETE FOR:
"PREPARATION DECKS TYPE 1"
"PREPARATION DECKS TYPE 2"
AND "FULL DEPTH DECK REPAIR"

TOTAL ESTIMATED QUANTITIES

	BID ITEM NUMBER	BID ITEMS	UNIT	QUANTITY
	203.0210.S	ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-27-67	LS	1
	502.0100	CONCRETE MASONRY BRIDGES	CY	17
	502.3200	PROTECTIVE SURFACE TREATMENT	SY	578
	502.3210	PIGMENTED SURFACE SEALER	SY	120
	502.5005	MASONRY ANCHORS TYPE L NO. 5 BARS	EACH	320
	502.6102	MASONRY ANCHORS TYPE S 1/2-INCH	EACH	320
	505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	3670
	509.0301	PREPARATION DECKS TYPE 1	SY	112
	509.0302	PREPARATION DECKS TYPE 2	SY	13
	509.1500	CONCRETE SURFACE REPAIR	SF	75
	509.2000	FULL-DEPTH DECK REPAIR	SY	1
✳	509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	58
	509.9005.S	REMOVING CONCRETE MASONRY DECK OVERLAY	SY	584
	509.9050.S	CLEANING PARAPETS	LF	317
	614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	4
	SPV.0105	REMOVING BRIDGE RAILINGS B-27-67	LS	1
		NON-BID ITEMS		
		FILLER	SIZE	½"



SECTION A-A



SECTION B-B
ON BRIDGE

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-27-67

DRAWN BY MWB | PLANS CK'D. JLR

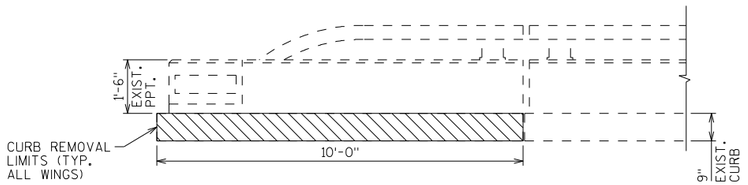
QUANTITIES & DETAILS

SHEET 2

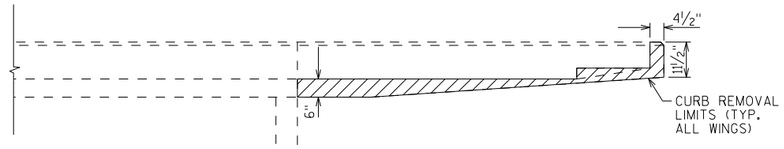
SCALE = 1

STATE PROJECT NUMBER

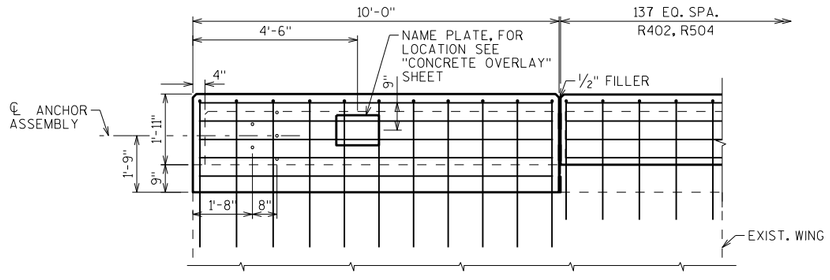
7550-01-72



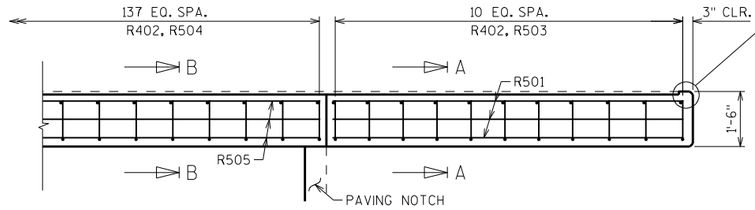
INSIDE ELEVATION - EXISTING PARAPETS



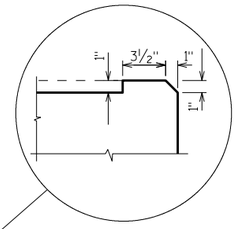
PLAN VIEW - EXISTING



INSIDE ELEVATION - MODIFIED PARAPETS



PLAN VIEW - MODIFIED PARAPETS



NOTES

SEE "QUANTITIES & DETAILS" SHEET FOR SECTION A-A AND SECTION B-B.

SALVAGE AND REUSE ANY EXPOSED EXIST. REINFORCEMENT.

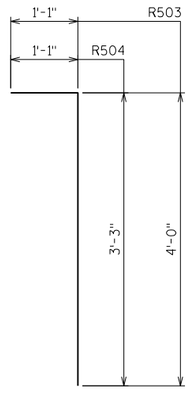
▲ MASONRY ANCHORS TYPE S ½ INCH

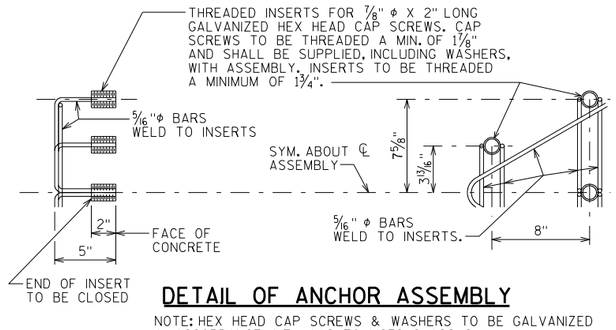
◪ MASONRY ANCHORS TYPE L NO. 5 BARS EPOXY ANCHORED

BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

	BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
	R501	X	28	9'-7"			PPT. AT WINGS - HORIZ
▲	R402	X	320	0'-9"			CONCRETE MASONRY ANCHORS - B.F. PPT.
◪	R503	X	44	5'-0"	X		CONCRETE MASONRY ANCHORS - F.F. PPT.
◪	R504	X	276	4'-3"	X		CONCRETE MASONRY ANCHORS - F.F. PPT.
	R505	X	36	47'-3"			PPT. ON BRIDGE - HORIZ.





DETAIL OF ANCHOR ASSEMBLY

NOTE: HEX HEAD CAP SCREWS & WASHERS TO BE GALVANIZED IN ACCORDANCE WITH AASHTO M232 CLASS C.

ASSEMBLY SHALL BE BID ITEM "ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD", EACH.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-27-67

DRAWN BY MWB | PLANS CK'D. JLR

PARAPET DETAILS

SHEET 3

SCALE = 2

8

8

PROJECT ID: 7550-03-73
WITH: 7550-01-70 & 7550-01-72

COUNTY: JACKSON

ORDER OF SHEETS

Section No. 1 Title
Section No. 2 Typical Sections and Details
Section No. 3 Estimate of Quantities
Section No. 3 Miscellaneous Quantities
Section No. 4 Right of Way Plat
Section No. 5 Plan and Profile (Includes Erosion Control)
Section No. 6 Standard Detail Drawings
Section No. 7 Sign Plates
Section No. 8 Structure Plans
Section No. 9 Computer Earthwork Data
Section No. 9 Cross Sections

TOTAL SHEETS =

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7550-03-73		

CITY OF BLACK RIVER FALLS, MELROSE STREET

CTH R TO 11TH STREET

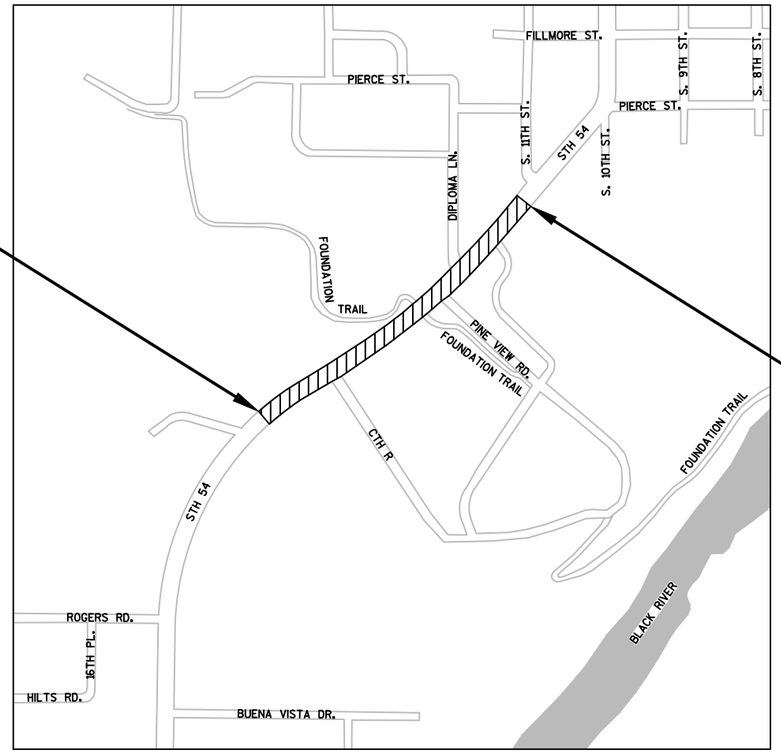
STH 54

JACKSON COUNTY

STATE PROJECT NUMBER
7550-03-73







BEGIN PROJECT 7550-03-73
STA. 851+50
Y = 94985.867
X = 82962.179

END PROJECT 7550-03-73
STA. 867+30

T-21-N

R-4-W

DESIGN DESIGNATION			STA. 662+00 TO BLACK RIVER FALLS
A.A.D.T.	(2016)	=	6900
A.A.D.T.	(2036)	=	7900
D.H.V.	(2036)	=	806
D.D.		=	60/40
T.		=	3.0%
DESIGN SPEED		=	55 MPH
ESALS		=	533,000

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY		GRADE ELEVATION	95.36
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)	
SLOPE INTERCEPT		UTILITIES	
REFERENCE LINE		ELECTRIC	E
EXISTING CULVERT		FIBER OPTIC	FO
PROPOSED CULVERT (Box or Pipe)		GAS	G
COMBUSTIBLE FLUIDS	CAUTION	SANITARY SEWER	SAN
		STORM SEWER	SS
MARSH AREA		TELEPHONE	T
		WATER	W
WOODED OR SHRUB AREA		UTILITY PEDESTAL	
		POWER POLE	
		TELEPHONE POLE	

LAYOUT
SCALE 0 350 FT

TOTAL NET LENGTH OF CENTERLINE = 0.299 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM, ZONE 9627, NAD83 (2007), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	NW REGION
Designer	ADAM HETRICK
Project Manager	DAVID KOEPP
Regional Examiner	TOU YANG
Regional Supervisor	TIM MASON

APPROVED FOR THE DEPARTMENT

DATE:_____ _____
(Signature)

E

UTILITIES & OTHER CONTACTS

COMMUNICATION LINE

DONNA SMOTHERS
CENTURYLINK
835 RED IRON RD
BLACK RIVER FALLS, WI 54615
715-284-4375 (OFFICE)
715-797-4854 (MOBILE)
DONNA.SMOTHERS@CENTURYLINK.COM

PERRY MCCLELLAN
CHARTER COMMUNICATIONS
1228 12TH AVE SOUTH
ONALASKA, WI 54650
608-317-6213 (MOBILE)
PERRY.MCCLELLAN@CHARTER.COM

ELECTRICITY - DISTRIBUTION

JERRY EWERT
BLACK RIVER FALLS UTILITIES
119 N. WATER ST.
BLACK RIVER FALLS, WI 54615
715-284-9463
JEWERT@WPPISYS.ORG

GAS/PETROLEUM

LATROY BRUMFIELD
WE ENERGIES
ROOM A299
333 WEST EVERETT ST
MILWAUKEE, WI 53203
(414) 221-5617
LATROY.BRUMFIELD@WE-ENERGIES.COM

SEWER

BLACK RIVER FALLS UTILITIES
119 N WATER ST
BLACK RIVER FALLS, WI 54615-1314

WATER

JERRY EWERT
BLACK RIVER FALLS UTILITIES
119 N. WATER ST.
BLACK RIVER FALLS, WI 54615
715-284-9463
JEWERT@WPPISYS.ORG

DNR REGIONAL TRANSPORTATION LIASON
KAREN KALVELAGE
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
3550 MORMON COULEE ROAD
LA CROSSE, WI 54601
608-785-9115

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

ABBREVIATIONS

ACCESS POINT	A.P.	LENGTH OF CURVE	L.	SECTION	SEC.
ACRES	AC.	LIMITED HIGHWAY EASEMENT	L.H.E.	SHED	S
AHEAD	AH.	MILE	MI.	SOUTHEAST	SE
AND OTHERS	ET AL	NORTHEAST	NE	SOUTHWEST	SW
BACK	BK.	NORTHWEST	NW	STATION	STA.
BARN	B	PERMANENT	PERM.	STREET	ST.
BUILDINGS	BLDGS.	POINT OF CURVATURE	P.C.	TANGENT	TAN.
CENTRAL ANGLE	Δ	POINT OF INTERSECTION	P.I.	TAVERN	TAV.
CHANNEL CHANGE	CH. CH.	POINT OF TANGENCY	P.T.	TEMPORARY	TEMP.
COMPANY	COM.	POINT OF COMPOUND CURVE	P.C.C.	UNITED STATES COAST &	U.S.C. & G.S.
CORNER	COR.	POINT OF REVERSE CURVE	P.R.C.	GEODETIC SURVEY	
CORPORATION	CORP.	POINT ON CURVE	P.O.C.		
COUNTY	CO.	PROJECT	PROJ.	UNITED STATES GEOLOGICAL	U.S.G.S.
COUNTY TRUNK HIGHWAY	C.T.H.	PROPERTY LINE	P.L.	SURVEY	
CREEK	CR.	QUIT CLAIM DEED	Q.C.D.		
DEGREE OF CURVE	D	RADIUS	R	UNITED STATES HIGHWAY	U.S.H.
GARAGE	G	RAILROAD	RR	WELL	W
GOVERNMENT	GOV'T.	RAILWAY	RY		
HOUSE	H	REQUIRED	REQ'D.		
HOUSE TRAILER	H.T.	RIGHT	RT.		
INCORPORATED	INC.	RIGHT OF WAY	R/W		
IRON PIN	I.P.	ROAD	RD.		
LEFT	LT.				

GENERAL NOTES

THE LOCATIONS OF EXISTING & PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

CROSS DRAIN PIPE ELEVATIONS, LENGTHS AND LOCATIONS AS SHOWN ON THE PLANS, MAY BE ADJUSTED TO FIT EXISTING FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL CONCRETE PIPE SHALL HAVE THE APRON ENDWALL AND THE FIRST TWO PIPE JOINTS TIED AT THE JOINTS, (THREE JOINTS TOTAL)

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, TO BE SEEDED, FERTILIZED AND MULCHED AS DIRECTED BY THE ENGINEER. ALL OTHER DISTURBED AREAS ARE TO BE SEEDED, FERTILIZED AND MULCHED AT THE CONTRACTORS EXPENSE.

NO TREES, SHRUBS, OR PRIVATE PLANTINGS ARE TO BE REMOVED WITHOUT PRIOR APPROVAL OF THE ENGINEER.

PLAN ELEVATIONS = NAVD 88

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE APPROXIMATE LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTORS EROSION CONTROL IMPLEMENTATION PLAN AND APPROVED BY THE ENGINEER IN CONSULTATION WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT INCLUDED IN THE EARTHWORK SUMMARY. IT IS MEASURED AND PAID FOR AS COMMON EXCAVATION. EXACT LOCATIONS OF EBS WILL BE APPROVED BY THE ENGINEER.

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONTACT THE COUNTY SURVEYOR CONCERNING MONUMENT AND PROPERTY CORNER PRESERVATION.

ASPHALIC PAVEMENT FOR SHOULDERS UP TO 4 INCHES IN DEPTH MAY BE PLACED IN ONE LIFT.

WHEN THE QUANTITY OF THE ITEM OF BASE AGGREGATE DENSE OR HMA / ASPHALTIC PAVEMENT IS MEASURED BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

SHRINKAGE OF EARTHWORK IS 20 PERCENT IN THE YARDAGE SUMMARY, UNLESS OTHERWISE NOTED.

RIGHTS-OF-ENTRY FOR CONSTRUCTION HAVE BEEN OBTAINED. WHICH RIGHTS SHALL BE EXTENDED TO THE CONTRACTOR.

EXACT LOCATION AND WIDTH OF ANY DRIVEWAY ENTRANCES TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

MISCELLANEOUS REMOVAL ITEMS REQUIRING RESTORATION OF CONCRETE OR ASPHALTIC CONCRETE DRIVEWAYS, SIDEWALKS, OR SIDE STREETS SHALL BE REMOVED TO AN EXISTING JOINT OR SAWED AS DETERMINED BY THE ENGINEER OR AS SHOWN ON THE PLANS.

TYPICAL FINISHED SECTIONS SHOW THE GENERAL ROADWAY FEATURES THROUGHOUT THE PROJECT. PAVEMENT, SLOPES, BORDER SLOPES, ETC., MAY VARY WITHIN THE STATION LIMITS OF THE STATION SECTION.

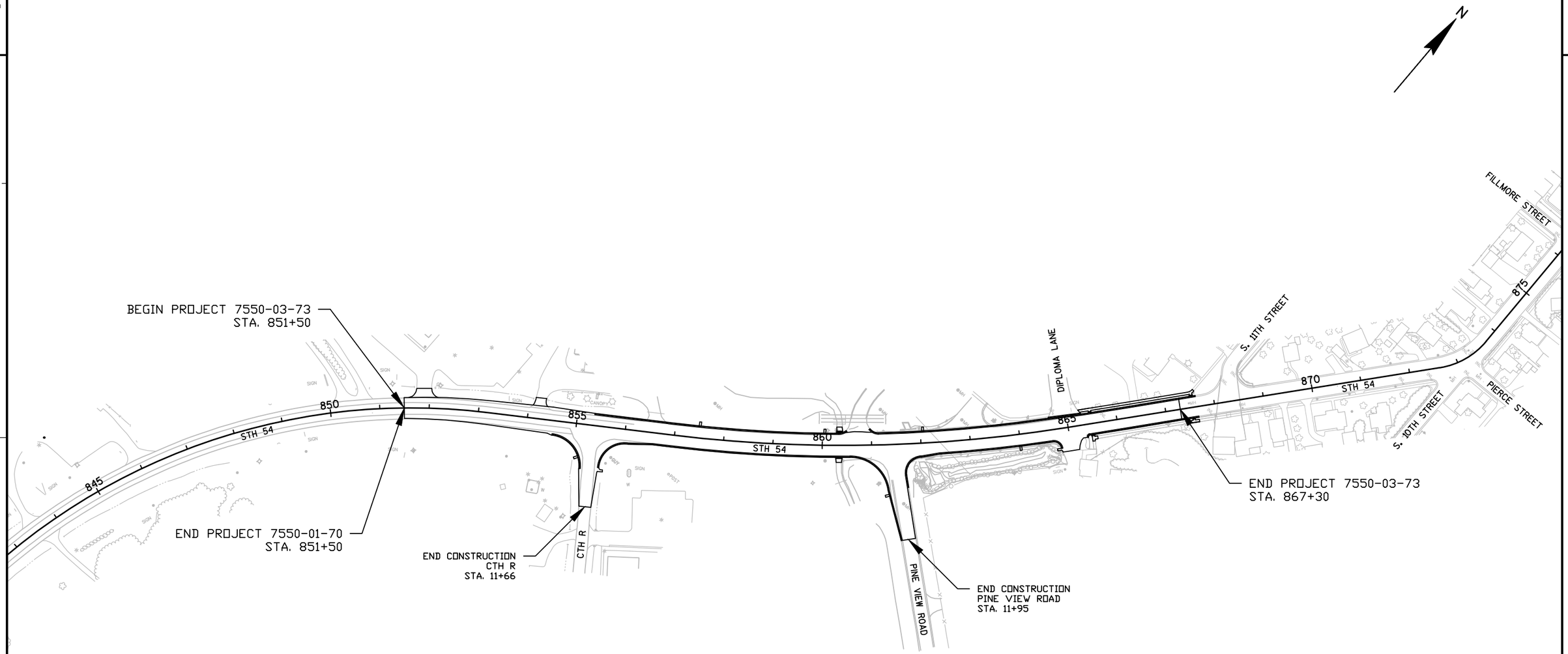
OVERHAUL WILL NOT BE PAID ON THIS PROJECT.

EARTHWORK WASTE MATERIAL SHOWN ON THE EARTHWORK SUMMARY SHALL BE HAULED FROM THE PROJECT, EXCEPT AS DIRECTED BY THE ENGINEER.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE THE ENGINEER, THE JACKSON COUNTY HIGHWAY DEPARTMENT, AND THE CITY OF BLACK RIVER FALLS WITH THE NAME AND TELEPHONE NUMBER OF A LOCAL PERSON RESPONSIBLE FOR EMERGENCY MAINTENANCE OF TRAFFIC CONTROL DEVICES.

CONSTRUCTION SURVEY CONTROL POINTS TO BE PROVIDED BY THE ENGINEER PRIOR TO CONSTRUCTION.

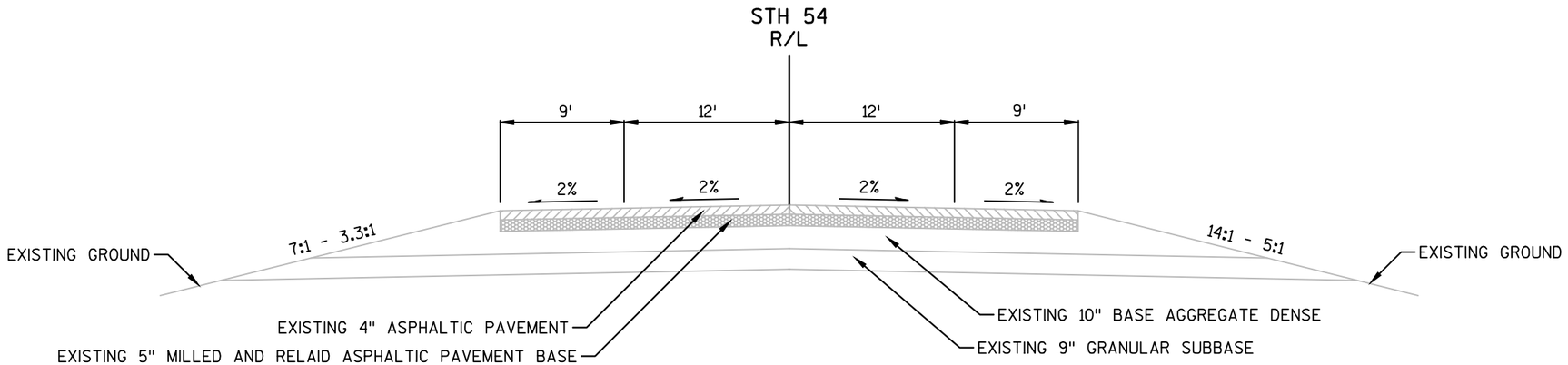
2



SCALE, FEET 0 100 200

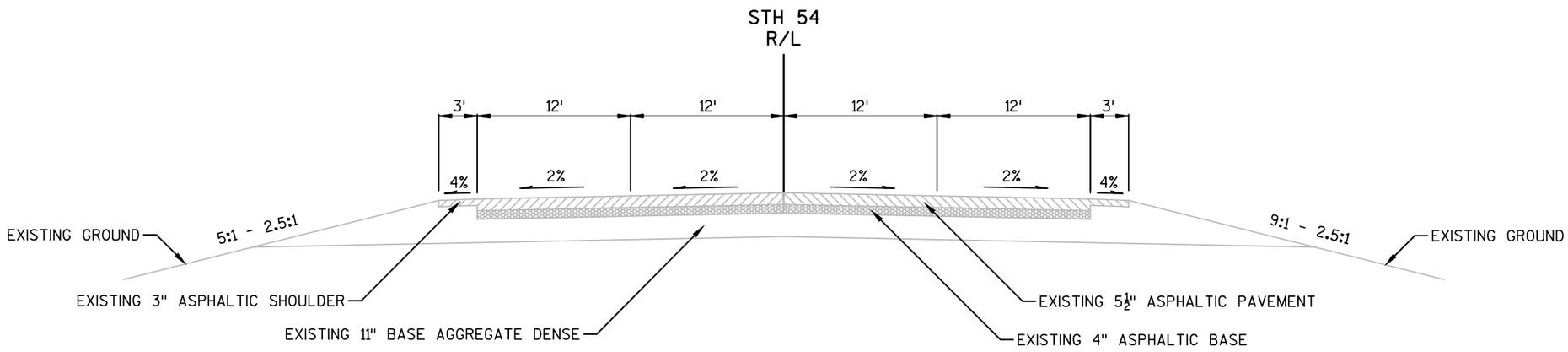
PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	PROJECT OVERVIEW	SHEET	E

2



TYPICAL EXISTING SECTION

STA. 851+50 - STA. 859+53

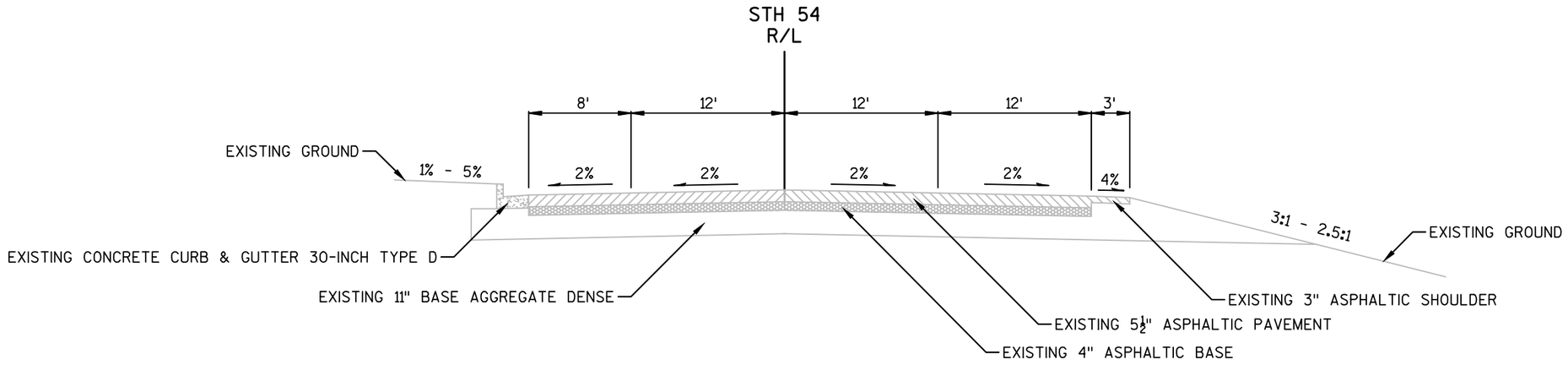


TYPICAL EXISTING SECTION

STA. 859+53 - STA. 863+00

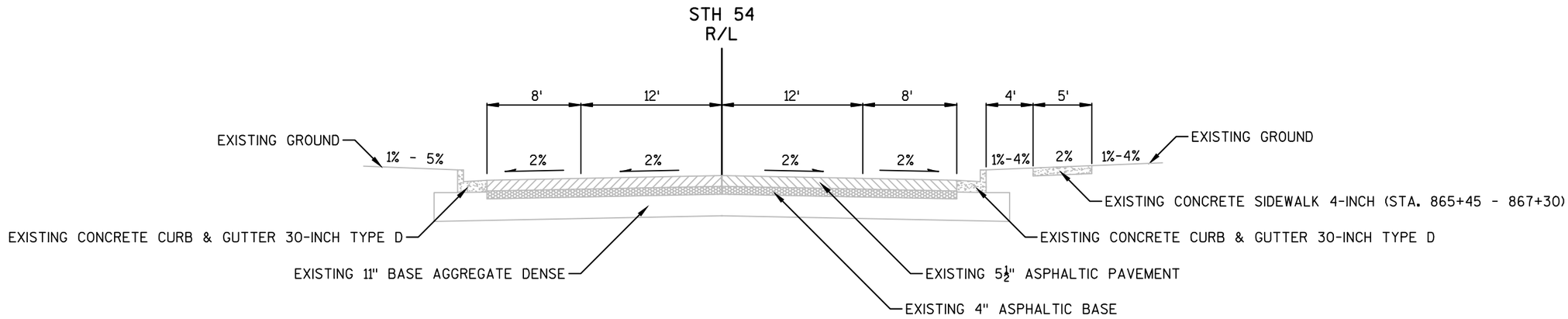
PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\020340_TS.DWG PLOT DATE : 8/25/2016 12:08 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:10 FT



TYPICAL EXISTING SECTION

STA. 863+00 - STA. 865+40

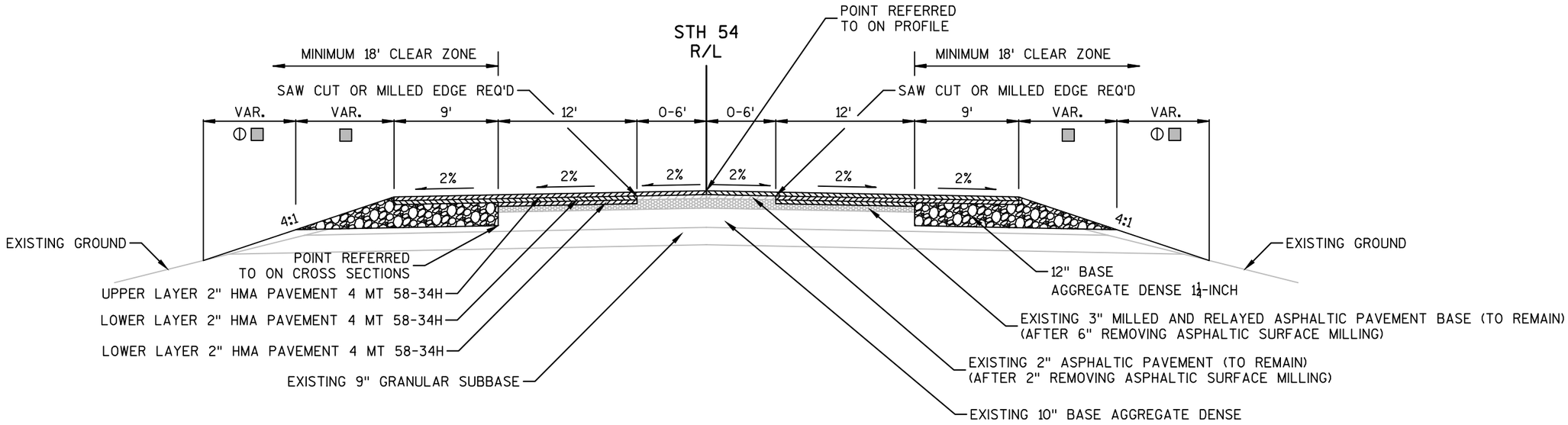


TYPICAL EXISTING SECTION

STA. 865+40 - STA. 867+30

PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E

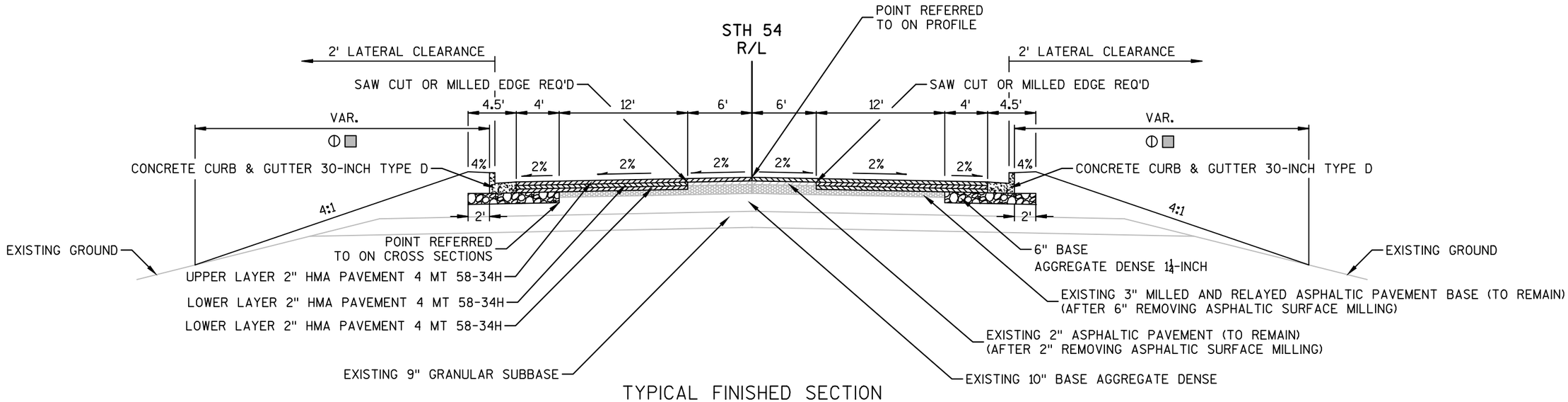
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TYPICAL FINISHED SECTION

STA. 851+50 - STA. 855+35

Ⓣ SALVAGED TOPSOIL
▩ FERTILIZER, SEED, & MULCH

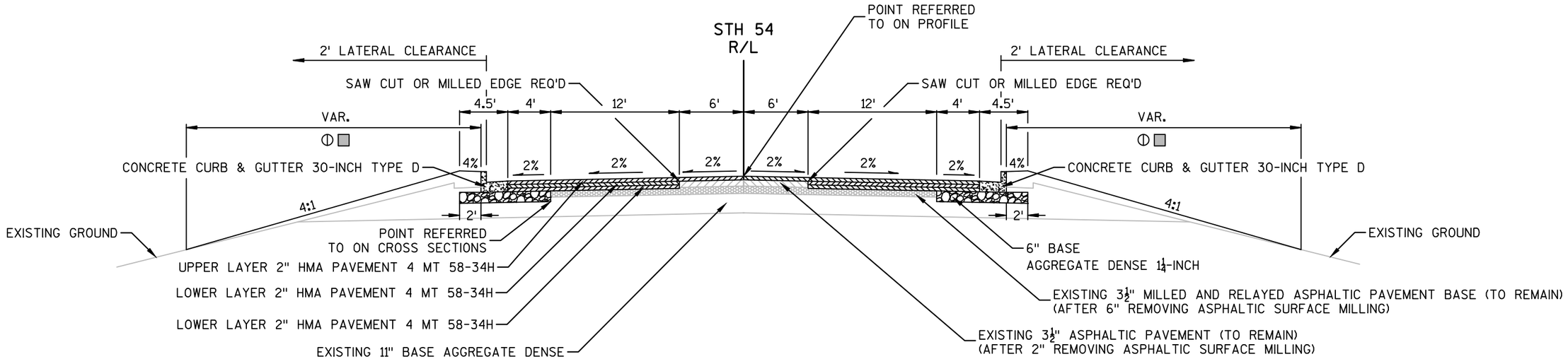


TYPICAL FINISHED SECTION

STA. 855+35 - STA. 859+53

Ⓣ SALVAGED TOPSOIL
▩ FERTILIZER, SEED, & MULCH

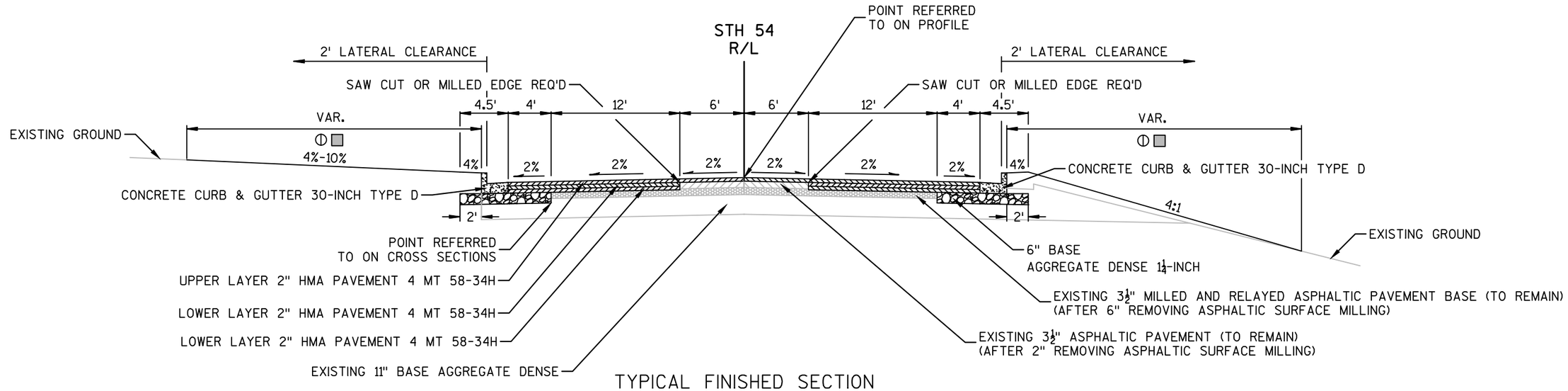
PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E



TYPICAL FINISHED SECTION

STA. 859+53 - STA. 863+00

Ⓣ SALVAGED TOPSOIL
▩ FERTILIZER, SEED, & MULCH

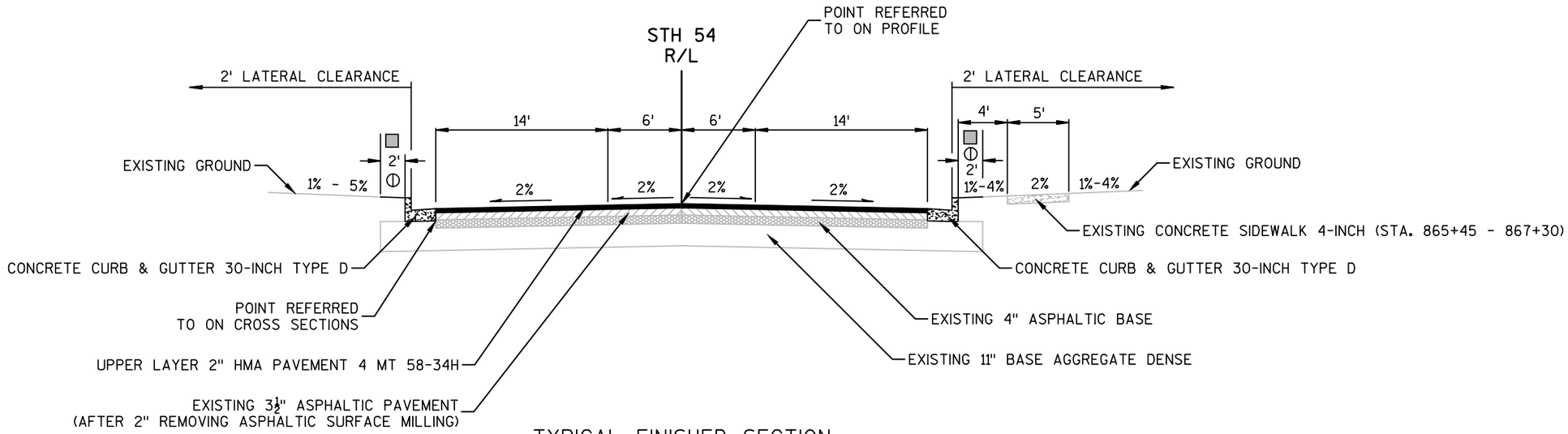


TYPICAL FINISHED SECTION

STA. 863+00 - STA. 865+40

Ⓣ SALVAGED TOPSOIL
▩ FERTILIZER, SEED, & MULCH

PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	TYPICAL SECTIONS	SHEET	E



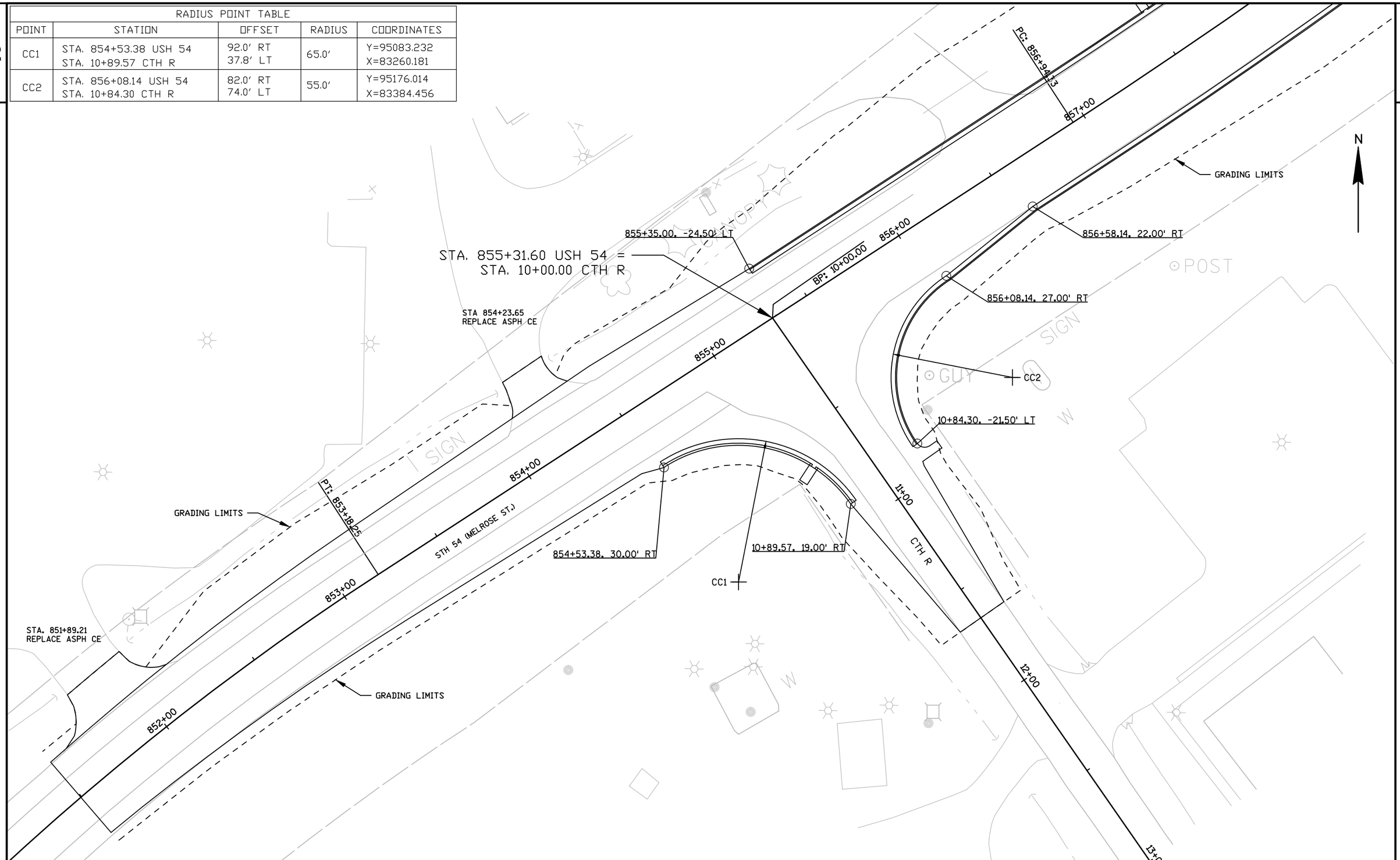
TYPICAL FINISHED SECTION

STA. 865+40 - STA. 865+30

Ⓣ SALVAGED TOPSOIL

▩ FERTILIZER, SEED, & MULCH

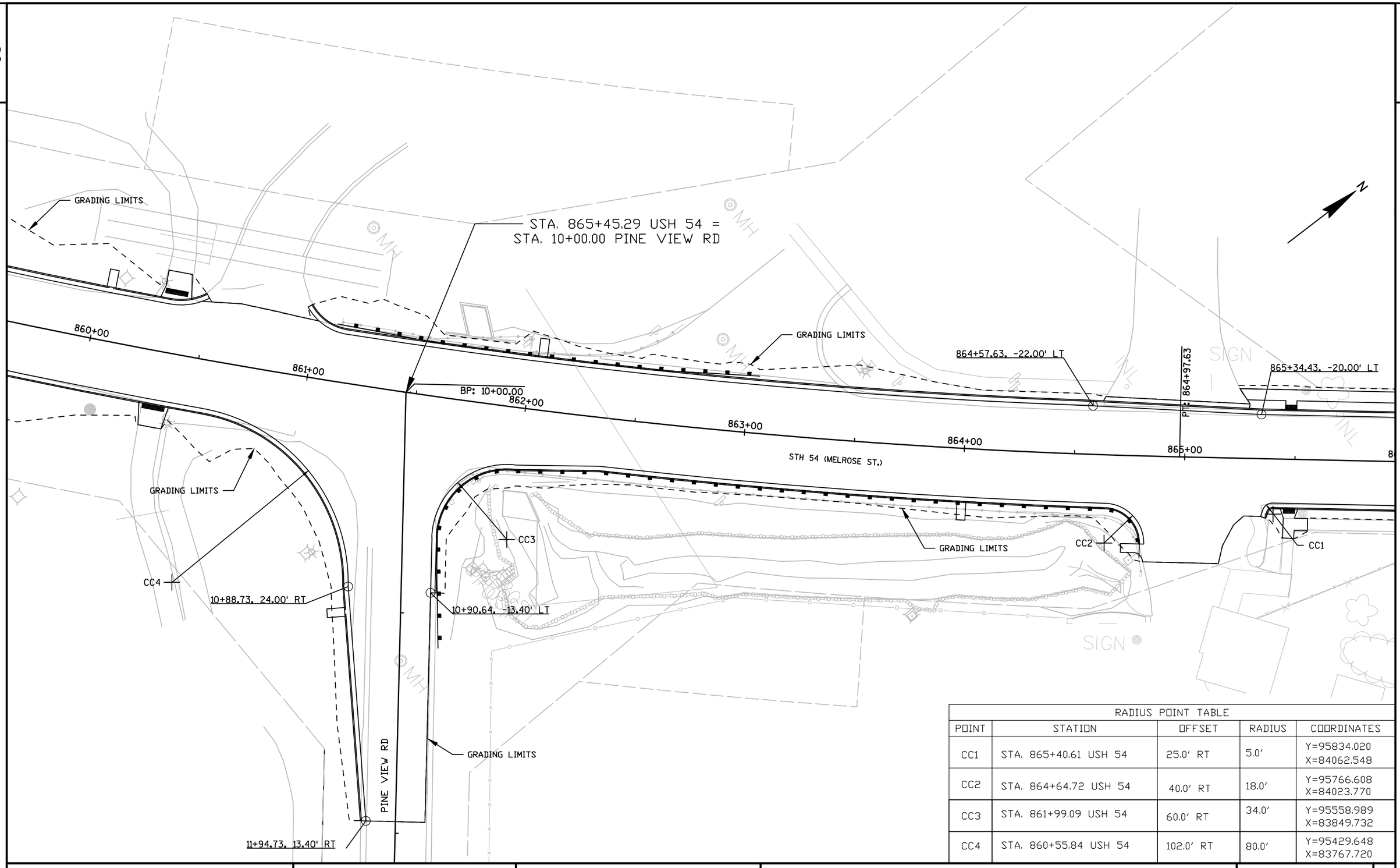
RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC1	STA. 854+53.38 USH 54 STA. 10+89.57 CTH R	92.0' RT 37.8' LT	65.0'	Y=95083.232 X=83260.181
CC2	STA. 856+08.14 USH 54 STA. 10+84.30 CTH R	82.0' RT 74.0' LT	55.0'	Y=95176.014 X=83384.456



PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	INTERSECTION DETAIL	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\021101_ID.DWG
LAYOUT NAME - 021101_ID - 021101_ID
PLOT DATE : 8/25/2016 12:11 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

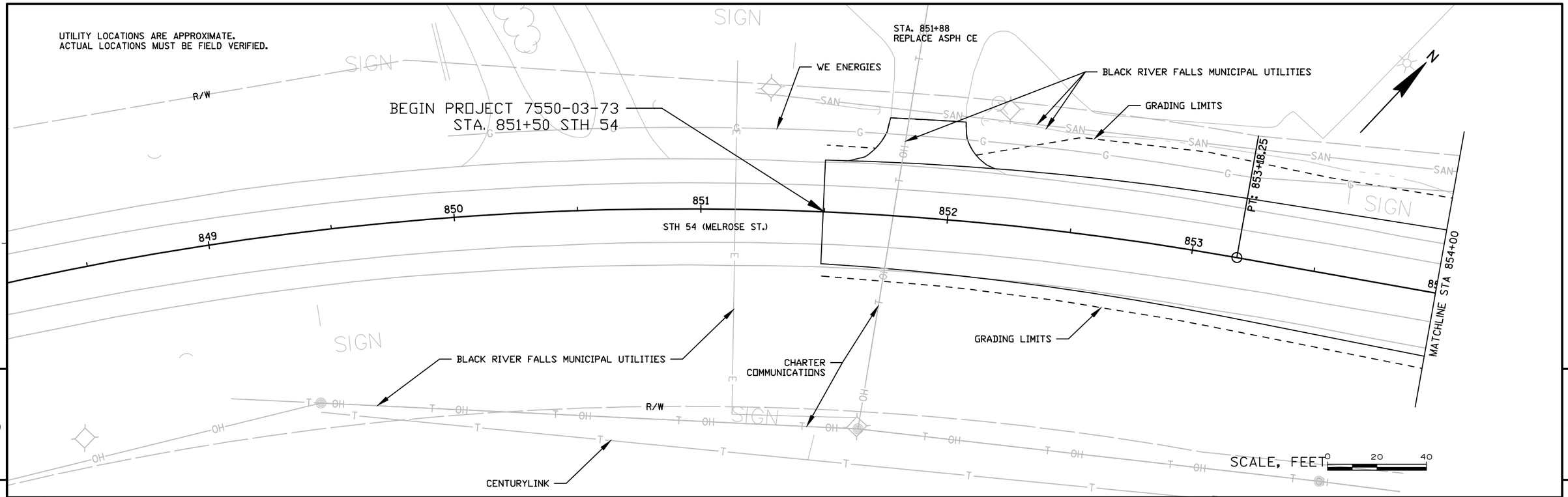


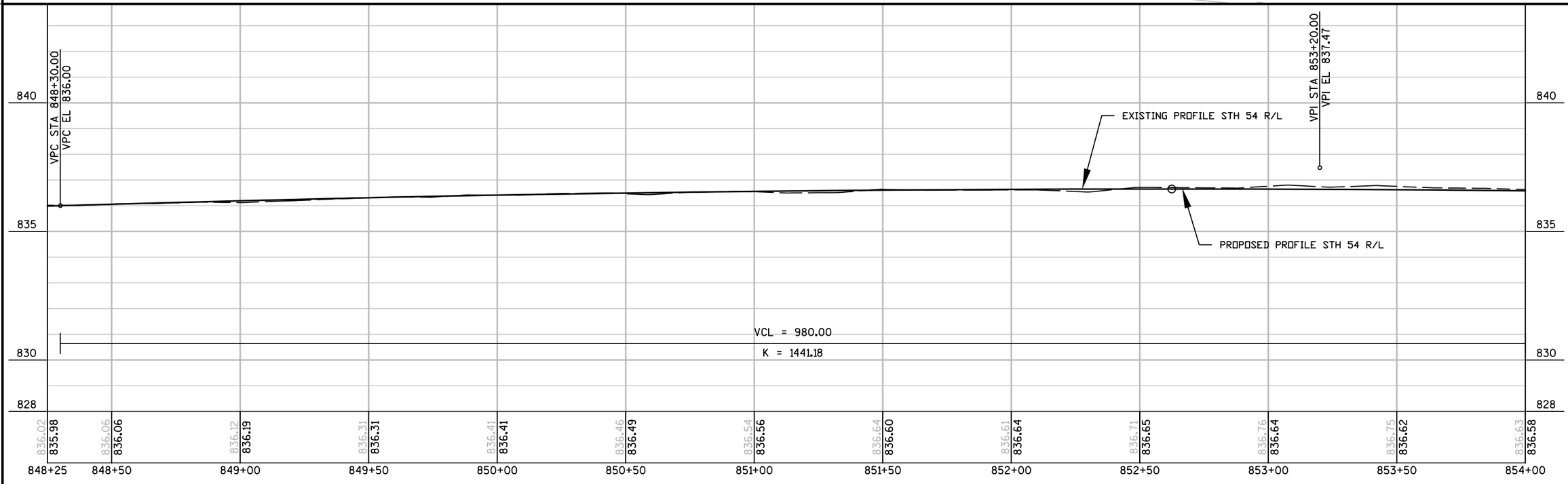
RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC1	STA. 865+40.61 USH 54	25.0' RT	5.0'	Y=95834.020 X=84062.548
CC2	STA. 864+64.72 USH 54	40.0' RT	18.0'	Y=95766.608 X=84023.770
CC3	STA. 861+99.09 USH 54	60.0' RT	34.0'	Y=95558.989 X=83849.732
CC4	STA. 860+55.84 USH 54	102.0' RT	80.0'	Y=95429.648 X=83767.720

PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	INTERSECTION DETAIL	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\021101_ID.DWG
LAYOUT NAME - 021101_ID - 021102_ID
PLOT DATE : 8/25/2016 12:11 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:40 FT

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.





PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	PLAN AND PROFILE: STH 54 (MELROSE STREET)	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

STA. 854+23
REPLACE ASPH CE

GRADING LIMITS

BLACK RIVER FALLS MUNICIPAL UTILITIES

R/W

REMOVE DRIVEWAY

CAUTION

WE ENERGIES

ASPHALTIC FLUMES

PC 856+94.33

BLACK RIVER FALLS MUNICIPAL UTILITIES

MATCHLINE STA 854+00

BLACK RIVER FALLS MUNICIPAL UTILITIES

BP: 10+00.00

STH 54 (MELROSE ST.)

MATCHLINE STA 859+50

GRADING LIMITS

BLACK RIVER FALLS MUNICIPAL UTILITIES
& CHARTER COMMUNICATIONS

BLACK RIVER FALLS
MUNICIPAL UTILITIES

GRADING LIMITS

R/W

CTH R

R/W

CENTURYLINK

SCALE, FEET 0 20 40

EXISTING PROFILE STH 54 R/L

PROPOSED PROFILE STH 54 R/L

VPT STA 858+10.00
VPT EL 835.61

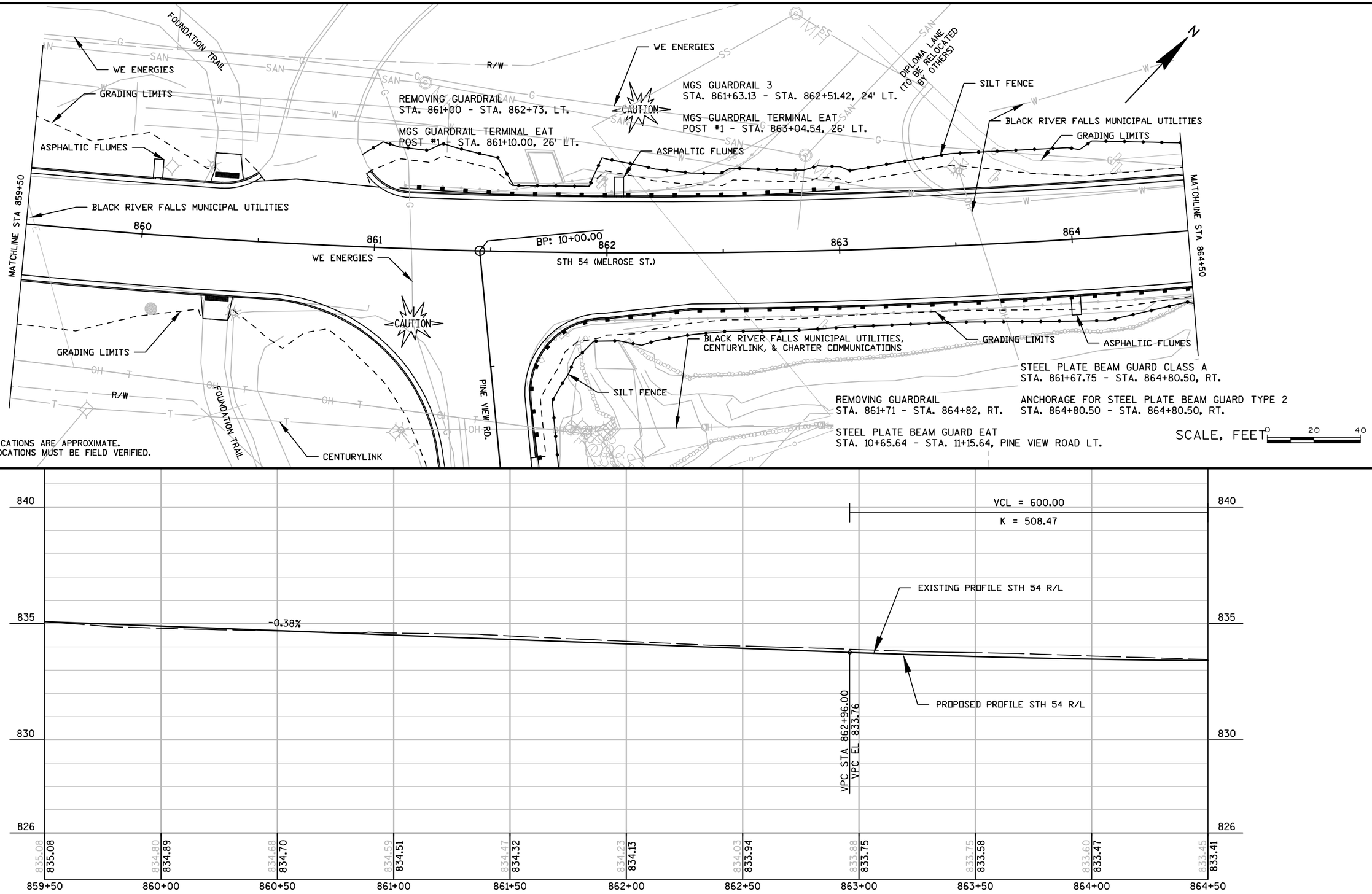
VCL = 980.00
K = 1441.18

840	835	830	828
836.63	836.58		
836.55	836.53		
836.43	836.45		
836.38	836.36		
836.27	836.25		
836.26	836.13		
836.10	835.98		
835.98	835.82		
835.84	835.65		
835.64	835.46		
835.40	835.27		
835.08	835.08		

854+00 854+50 855+00 855+50 856+00 856+50 857+00 857+50 858+00 858+50 859+00 859+50

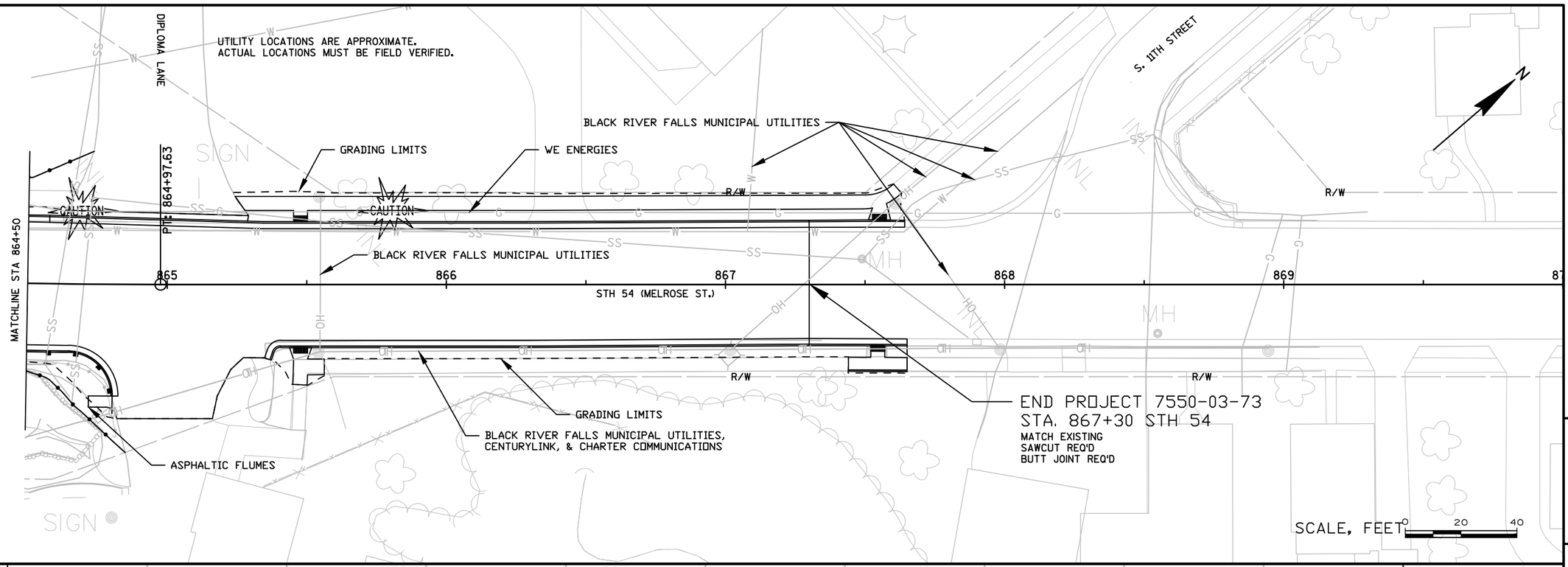
PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	PLAN AND PROFILE: STH 54 (MELROSE STREET)	SHEET	E

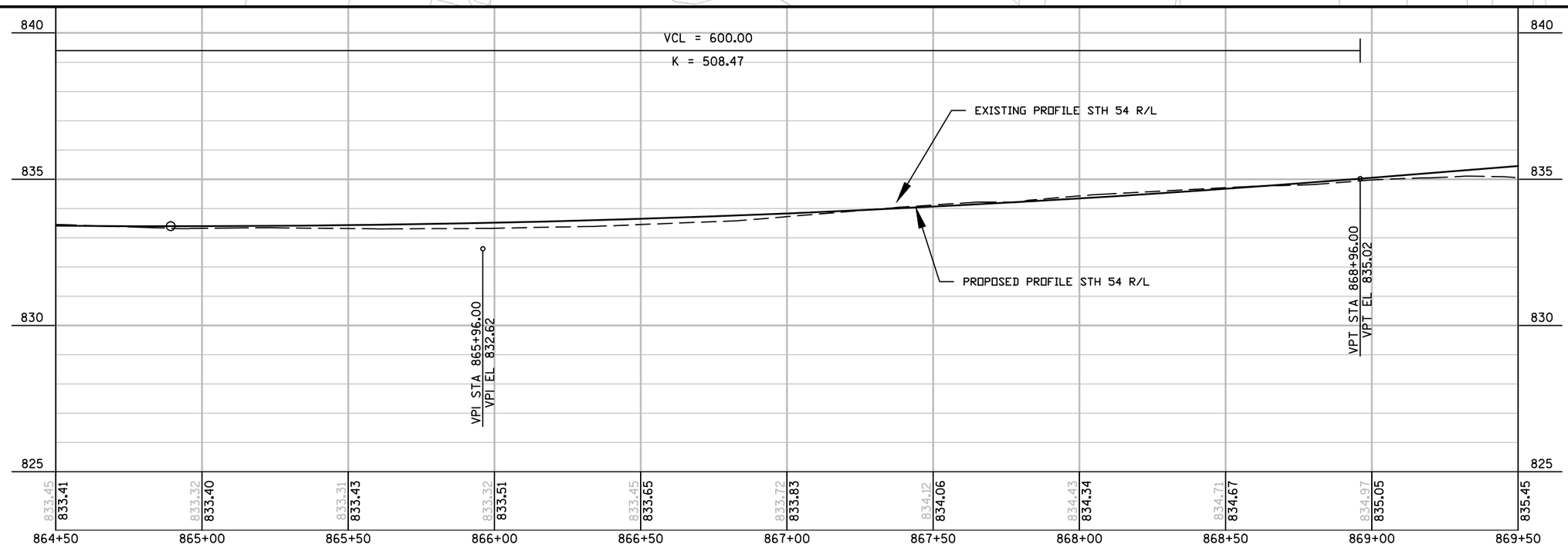
FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\050140_PP.DWG PLOT DATE : 8/25/2016 12:33 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1:40_XREF



PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	PLAN AND PROFILE: STH 54 (MELROSE STREET)	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\050140_PP.DWG PLOT DATE : 8/25/2016 12:34 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1:40_XREF





PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	PLAN AND PROFILE: STH 54 (MELROSE STREET)	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

GRADING LIMITS

BLACK RIVER FALLS MUNICIPAL UTILITIES

ASPHALTIC FLUMES

GRADING LIMITS

BLACK RIVER FALLS MUNICIPAL UTILITIES

BP: 10+00.00

EP: 13+39.42

CTH R

STH 54

END CONSTRUCTION
STA. 11+66 CTH R
MATCH EXISTING
SAWCUT REQ'D
BUTT JOINT REQ'D

GRADING LIMITS

ASPHALTIC FLUMES

CENTURYLINK

BLACK RIVER FALLS MUNICIPAL UTILITIES
& CHARTER COMMUNICATIONS

VCL = 50.00
K = 49.02

STA 10+00.00
EL 836.40

-2.02%

-1.00%

STA 11+65.66
EL 834.30

EXISTING PROFILE CTH R R/L

PROPOSED PROFILE CTH R R/L

VPC STA 10+18.28
VPC EL 836.03

VPI STA 10+43.28
VPI EL 835.53

VPT STA 10+68.28
VPT EL 835.27

836.35	836.40	835.51	835.49	835.03	834.96	834.43	834.46	834.05	833.61	832.95

9+00 9+50 10+00 10+50 11+00 11+50 12+00 12+50 13+00 13+50 14+00

840 835 830 828

PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	PLAN AND PROFILE: CTH R	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\050140_PP.DWG
LAYOUT NAME - 050140_PP - 050148

PLOT DATE : 8/25/2016 12:35 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:40 FT

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATION MUST BE FIELD VERIFIED.

BLACK RIVER FALLS MUNICIPAL UTILITIES,
CENTURYLINK, & CHARTER COMMUNICATIONS

STEEL PLATE BEAM GUARD EAT
STA. 10+65.64 - STA. 11+15.64, PINE VIEW ROAD LT.

BLACK RIVER FALLS MUNICIPAL UTILITIES

GRADING LIMITS

BLACK RIVER FALLS MUNICIPAL UTILITIES

BP: 10+00.00

EP: 12+52.70

PINE VIEW ROAD

WE ENERGIES

STH 54

CENTURYLINK

GRADING LIMITS

ASPHALTIC FLUMES

CENTURYLINK

WE ENERGIES

END CONSTRUCTION
STA. 11+95
MATCH EXISTING
SAWCUT REQ'D
BUTT JOINT REQ'D

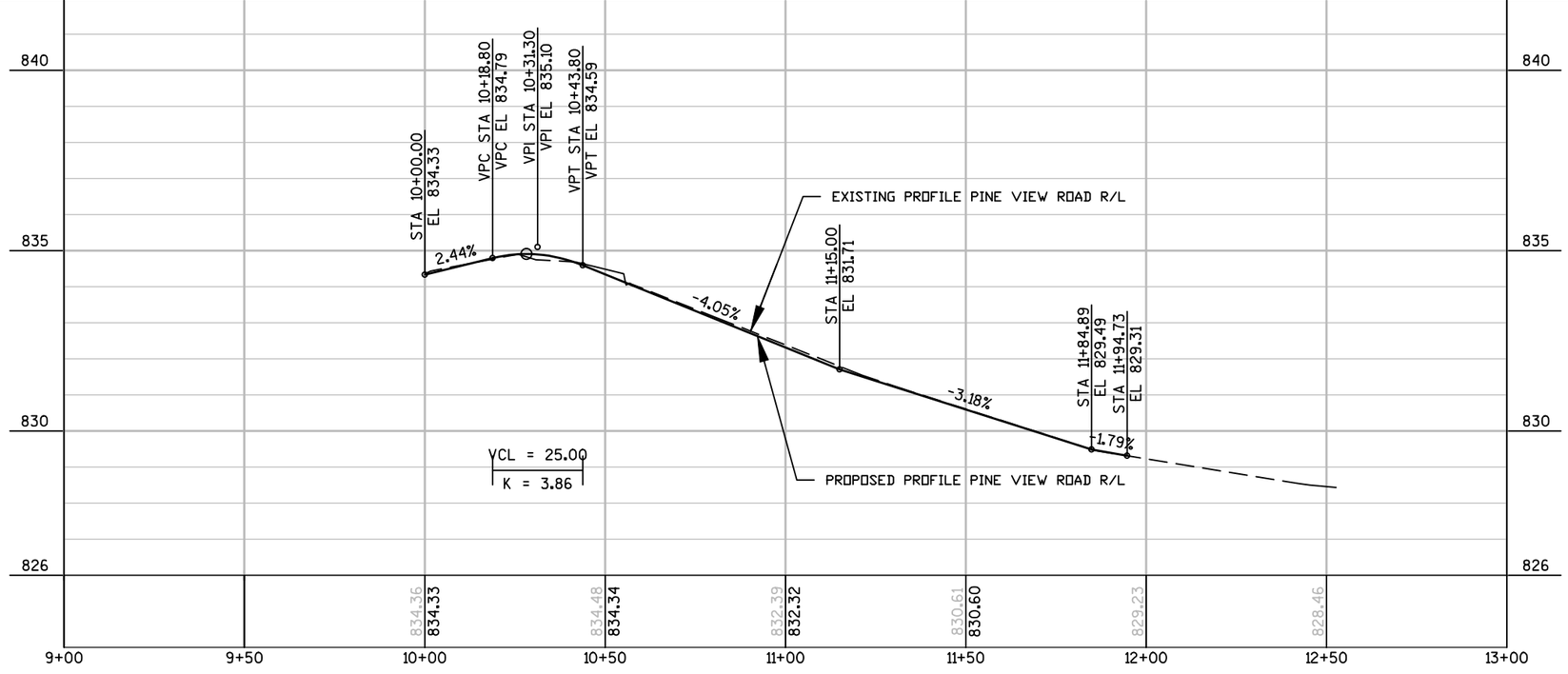
CAUTION

CAUTION

R/W

5

5



PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	PLAN AND PROFILE: PINE VIEW ROAD	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\050140_PP.DWG
LAYOUT NAME - 050140_PP - 050150

PLOT DATE : 8/25/2016 12:35 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:40 FT

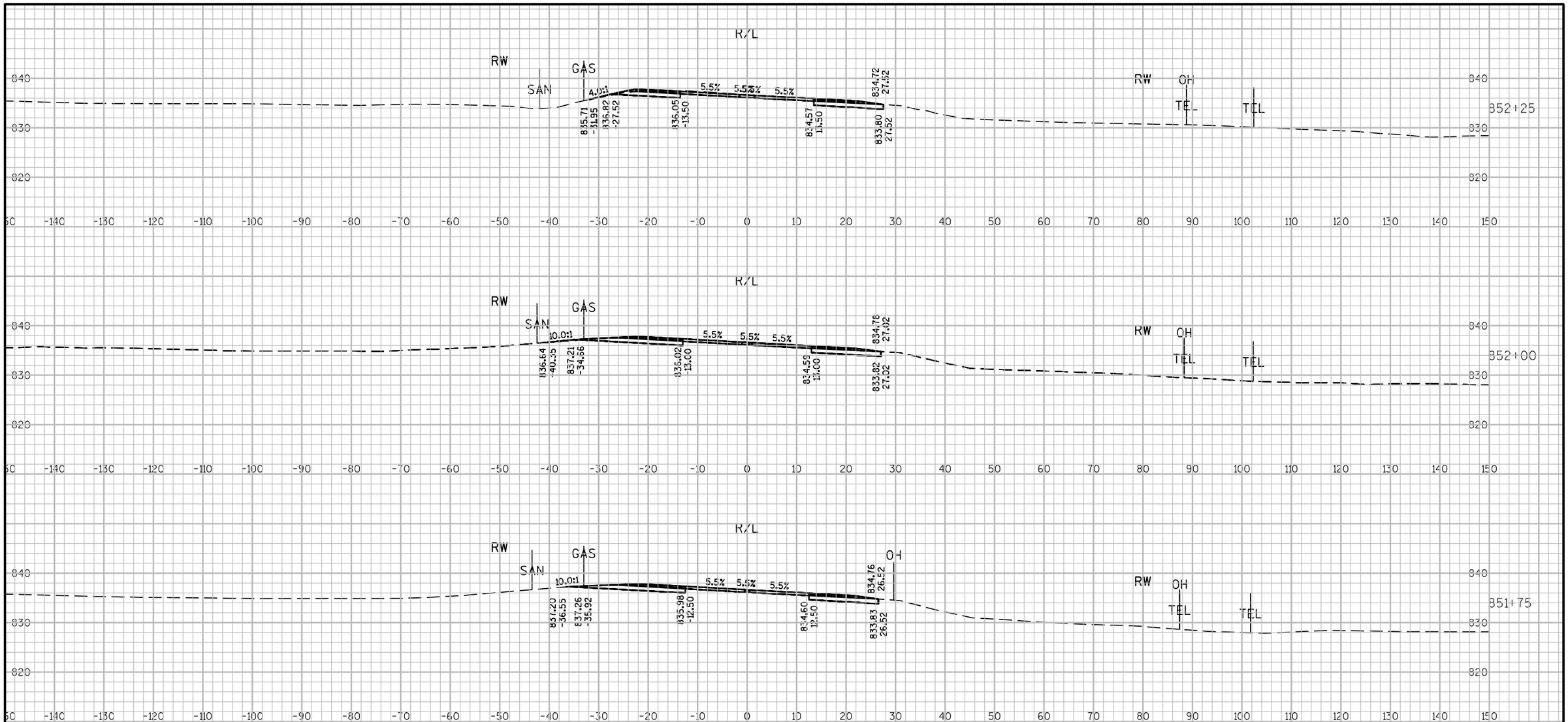
STH 54								
		AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		
Station	Distance	Cut	Fill	Cut Note 1	Fill Note 2	Cut 1.00 Note 1	Expanded Fill 1.30 Note 3	Mass Ordinate Note 4
851+50	0.00	26.2	4.6	0.0	0.0	0.0	0.0	0
852+00	50.00	29.7	0.6	51.8	4.8	52	6	46
853+00	100.00	10	2.7	73.5	6.1	125	14	111
854+00	100.00	21.7	2.7	58.7	10.0	184	27	157
855+00	100.00	7.3	4.1	53.7	12.6	238	44	194
856+00	100.00	7.2	52.6	26.9	105.0	265	180	84
857+00	100.00	13.6	27.3	38.5	148.0	303	372	-69
858+00	100.00	13.4	28.8	50.0	103.9	353	507	-154
859+00	100.00	14.2	26.1	51.1	101.7	404	640	-235
860+00	100.00	13.3	12.2	50.9	70.9	455	732	-277
861+00	100.00	19.2	2.2	60.2	26.7	515	767	-251
862+00	100.00	19.2	2.2	71.1	8.1	586	777	-191
863+00	100.00	15.9	0.8	65.0	5.6	651	784	-133
864+00	100.00	14.7	0.6	56.7	2.6	708	788	-80
865+00	100.00	10.3	0.6	46.3	2.2	754	791	-36
866+00	100.00	10.3	0.6	38.1	2.2	793	793	-1
867+00	100.00	14.6	0.0	46.1	1.1	839	795	44
867+30	30.00	14.7	0.0	16.3	0.0	855	795	60

CTH R								
		AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		
Station	Distance	Cut	Fill	Cut Note 1	Fill Note 2	Cut 1.00 Note 1	Expanded Fill 1.30 Note 3	Mass Ordinate Note 4
10+18	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0
10+50	32.00	40.0	16.0	23.7	9.5	24	12	11
11+00	50.00	25.8	0.0	60.9	14.8	85	32	53
11+50	50.00	21.1	0.0	43.4	0.0	128	32	96
11+66	16.00	20.6	0.0	12.4	0.0	140	32	109

PINE VIEW ROAD								
		AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		
Station	Distance	Cut	Fill	Cut Note 1	Fill Note 2	Cut 1.00 Note 1	Expanded Fill 1.30 Note 3	Mass Ordinate Note 4
10+18	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0
10+50	32.00	64	6.4	37.9	3.8	38	5	33
11+00	50.00	23.4	5.2	80.9	10.7	119	19	100
11+50	50.00	18.9	0.5	39.2	5.3	158	26	132
11+95	45.00	11.5	0.0	25.3	0.4	183	26	157

Notes:

1) Salvaged/Unusable Pavement Material is included in Cut.
2) Does not include Unusable Pavement Excavation volume.
3) Will be backfilled with Cut or Borrow.
4) Plus quantity indicates an excess of material. Minus indicates a shortage of material.



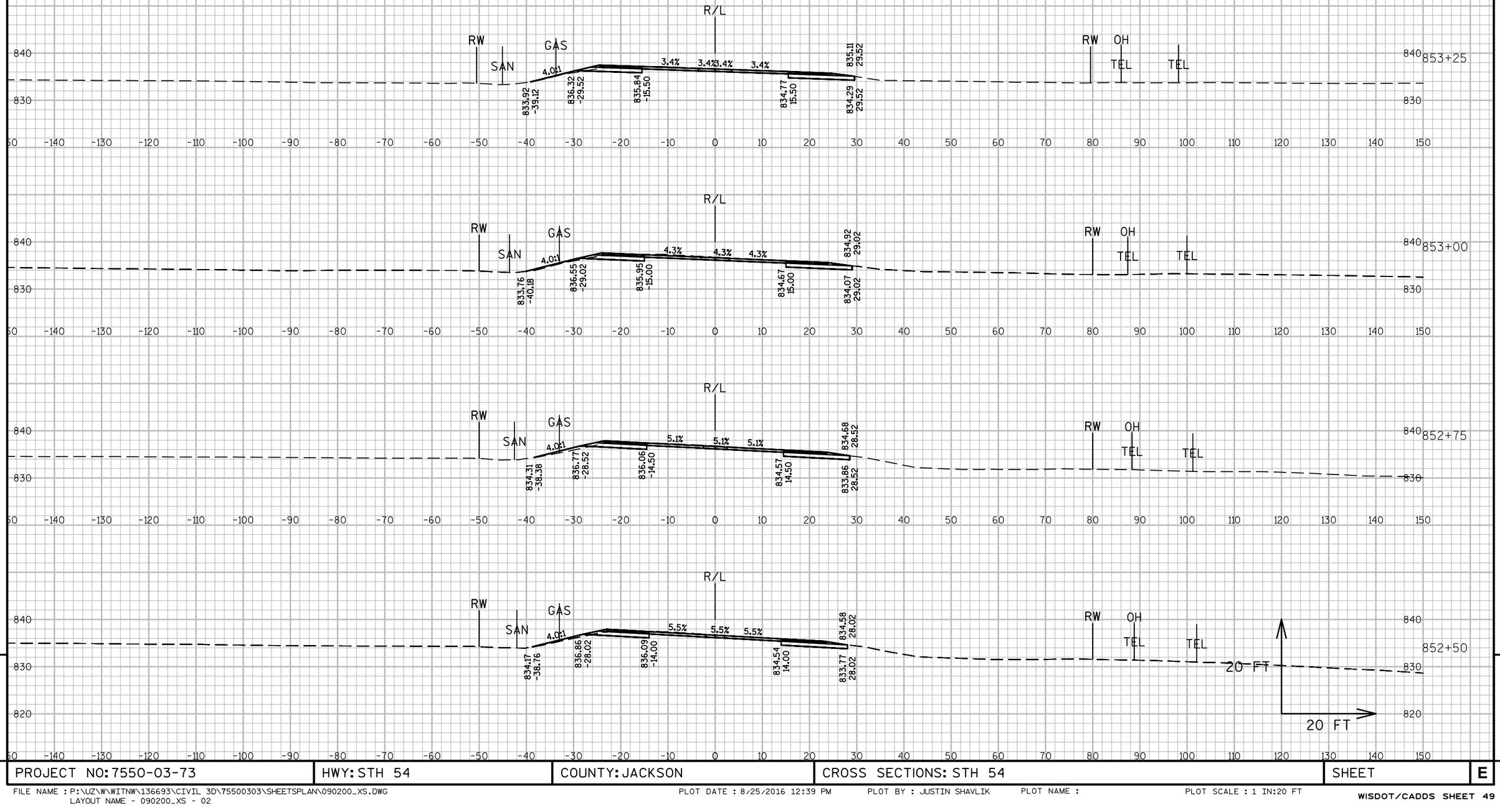
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 01

PLOT DATE : 8/25/2016 12:38 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



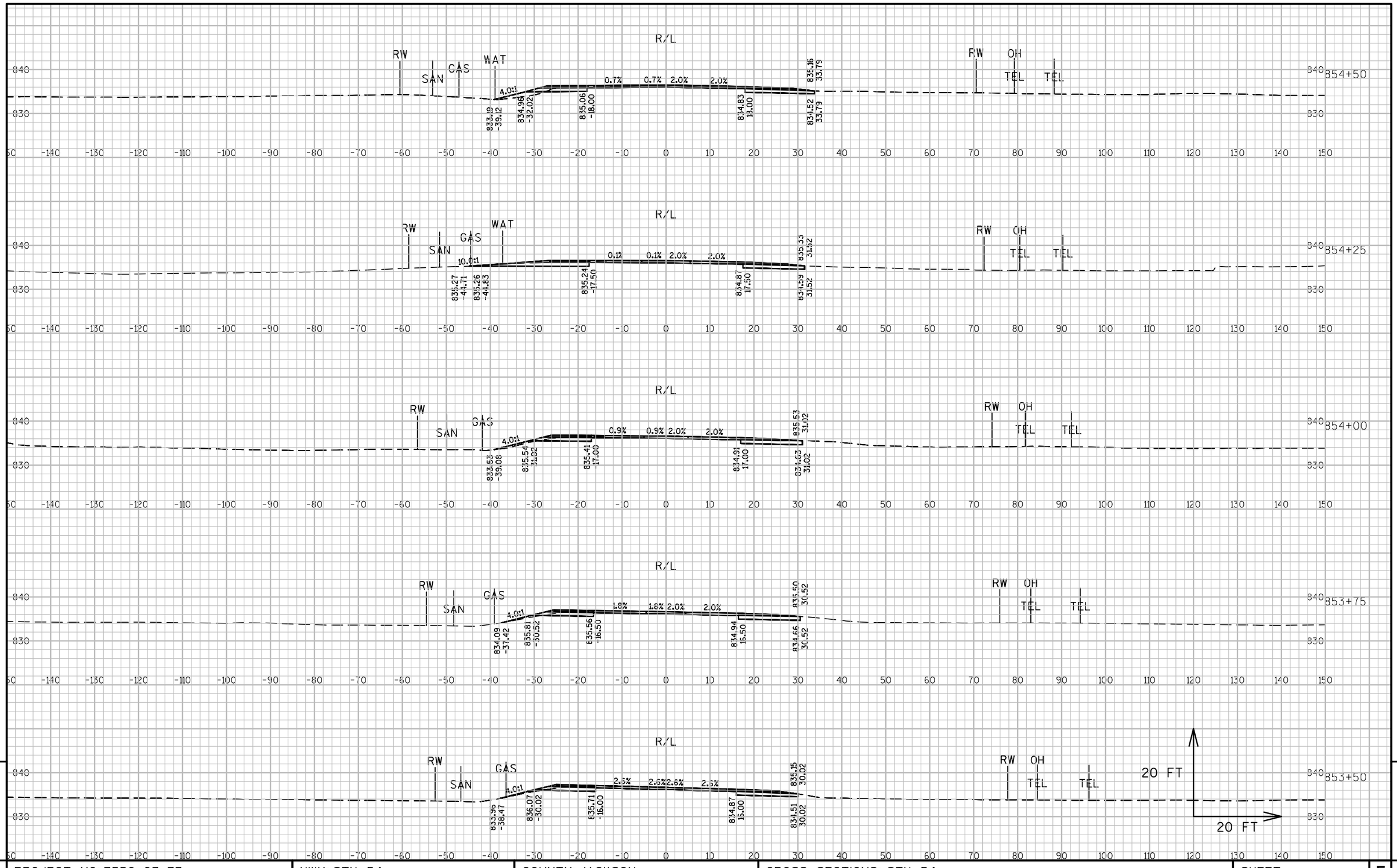
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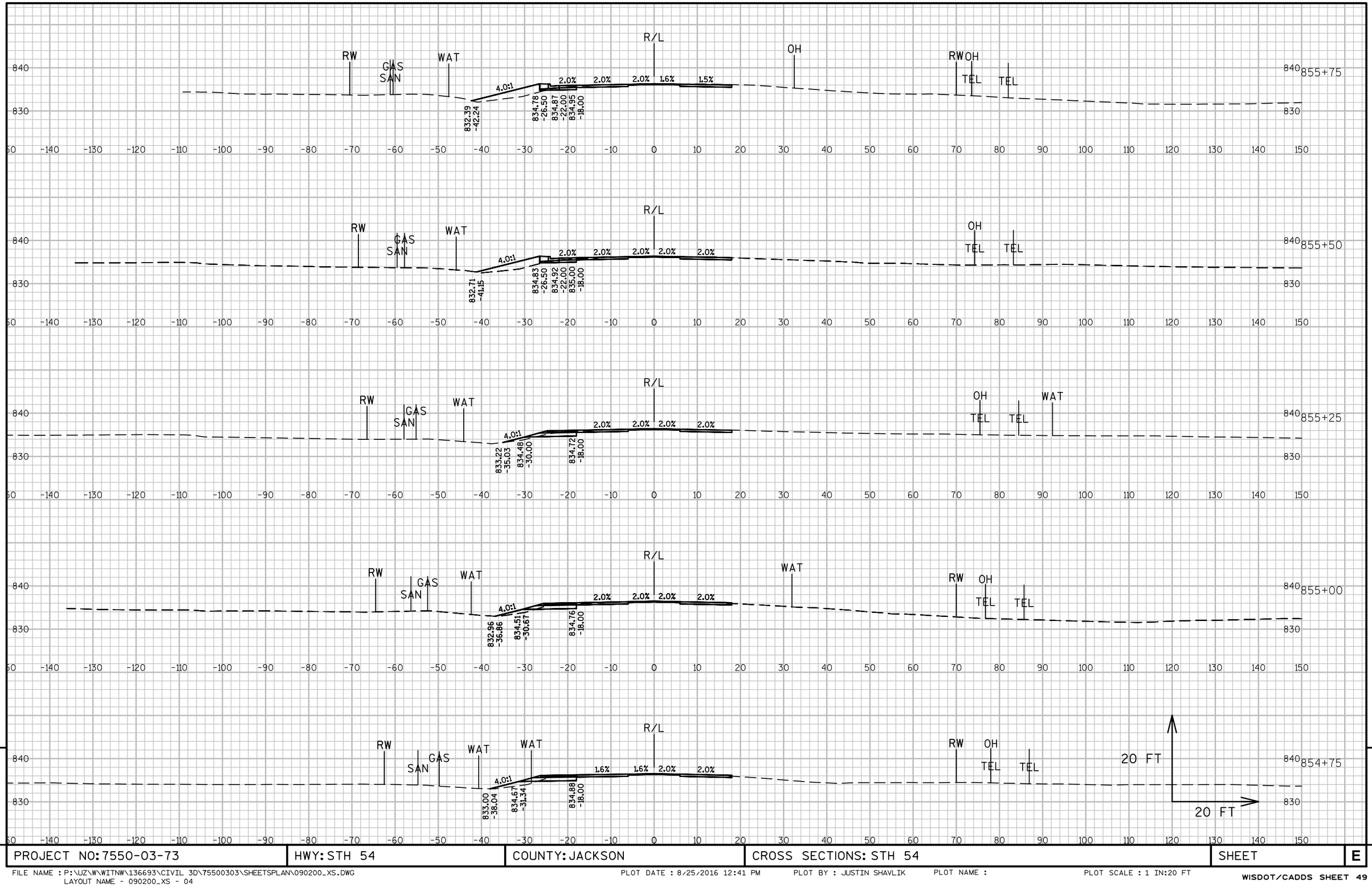
PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 02

PLOT DATE : 8/25/2016 12:39 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E



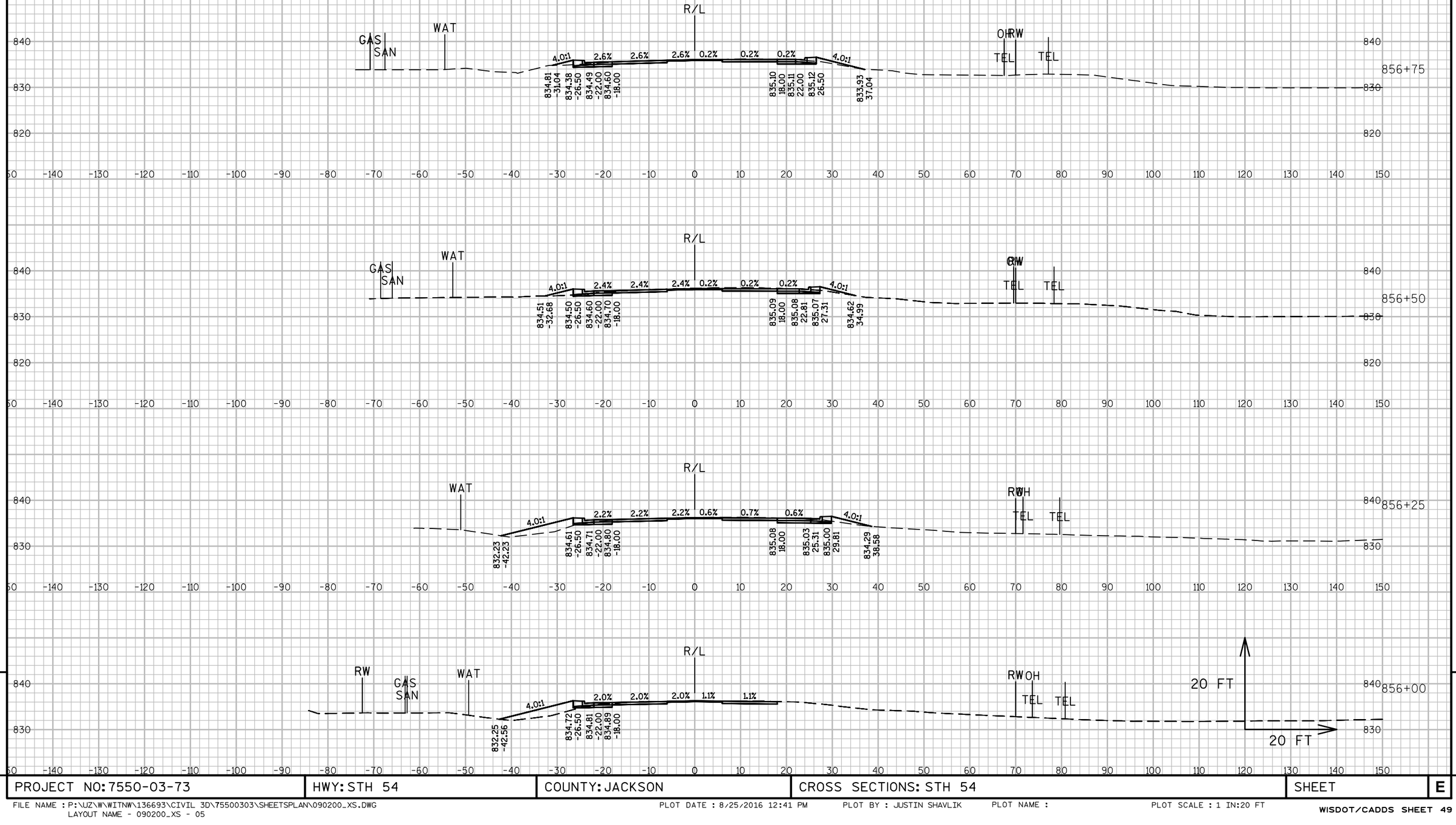
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 04

PLOT DATE : 8/25/2016 12:41 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



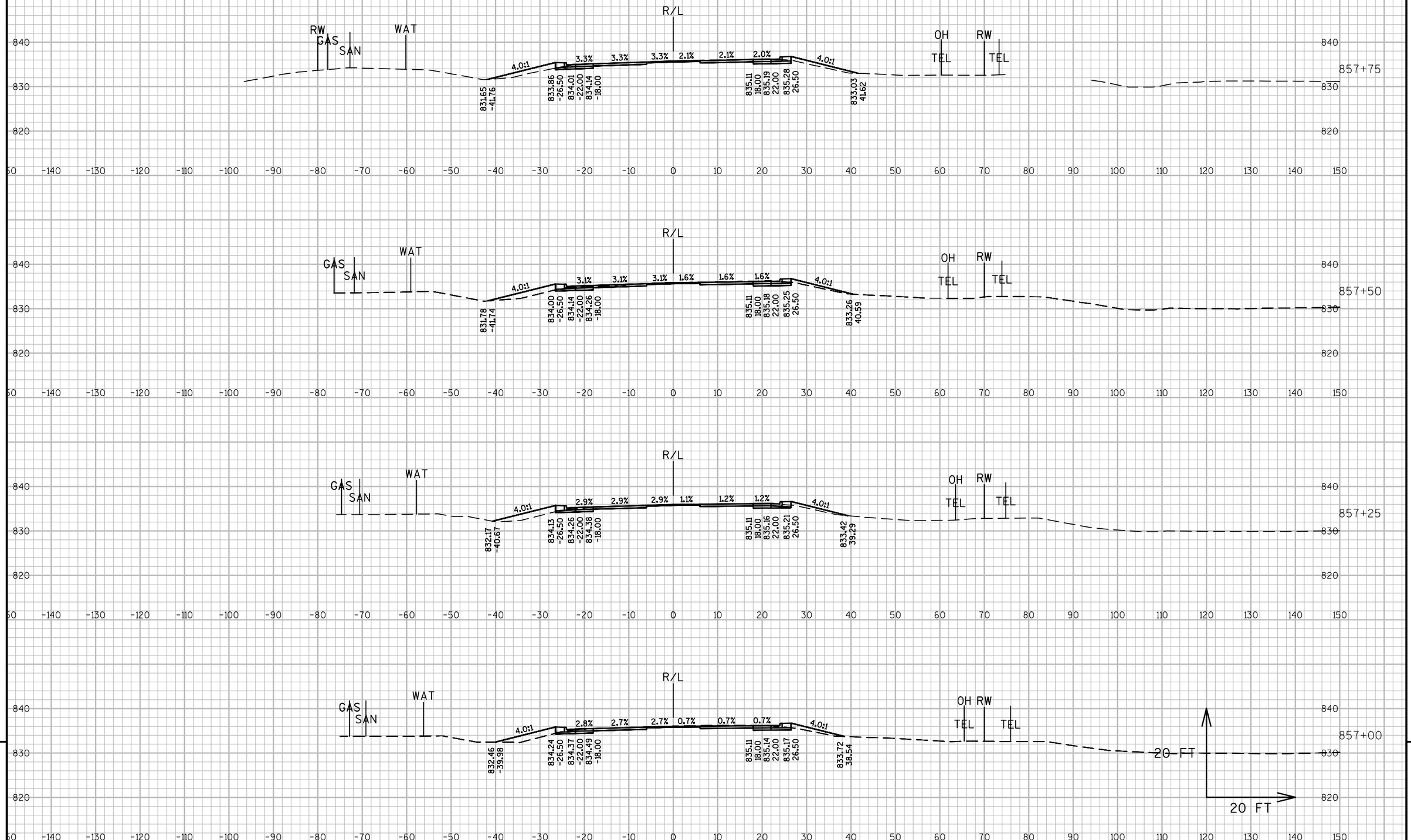
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 05

PLOT DATE : 8/25/2016 12:41 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

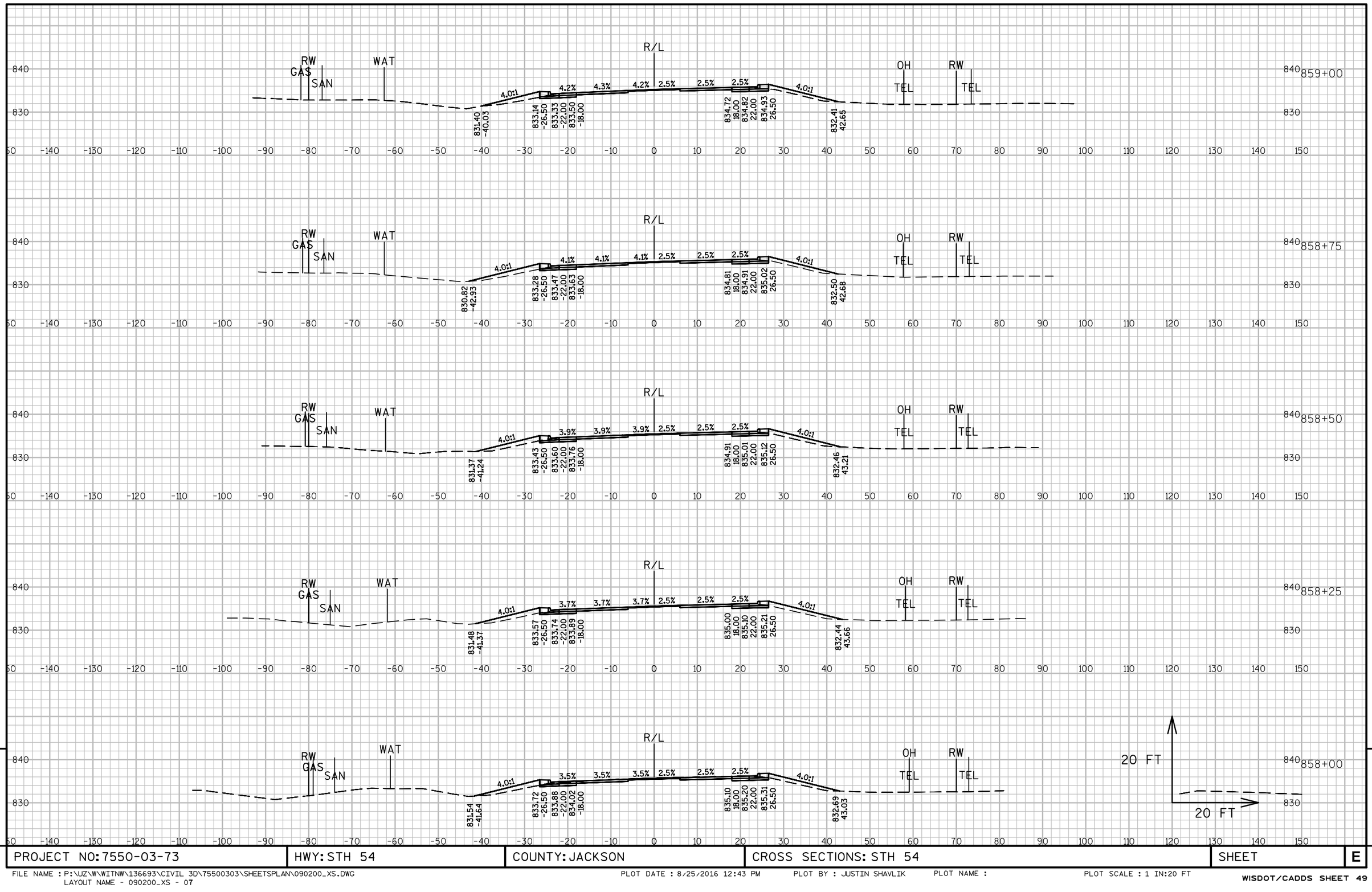


PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 06

PLOT DATE : 8/25/2016 12:42 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

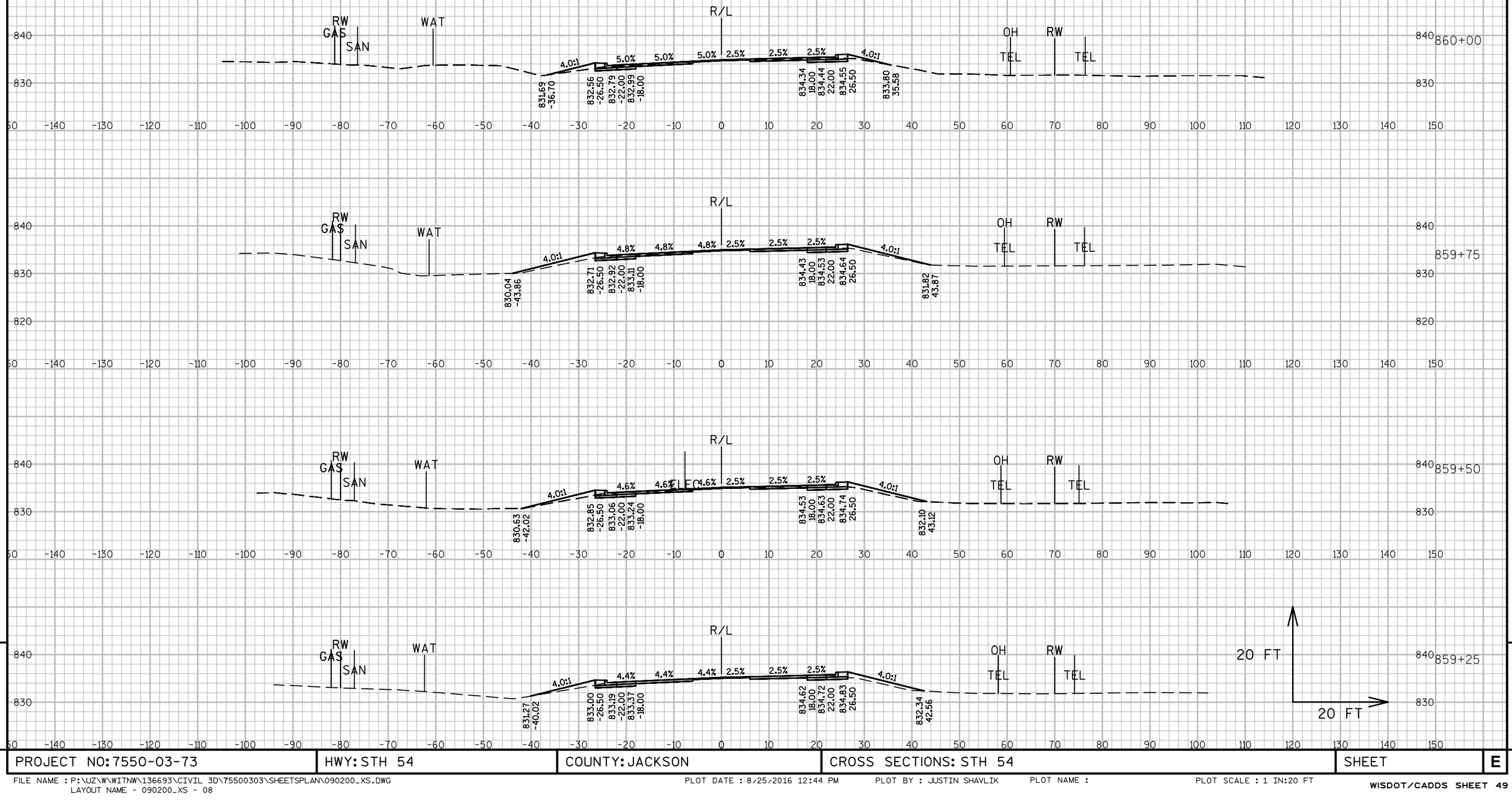
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 07

PLOT DATE : 8/25/2016 12:43 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

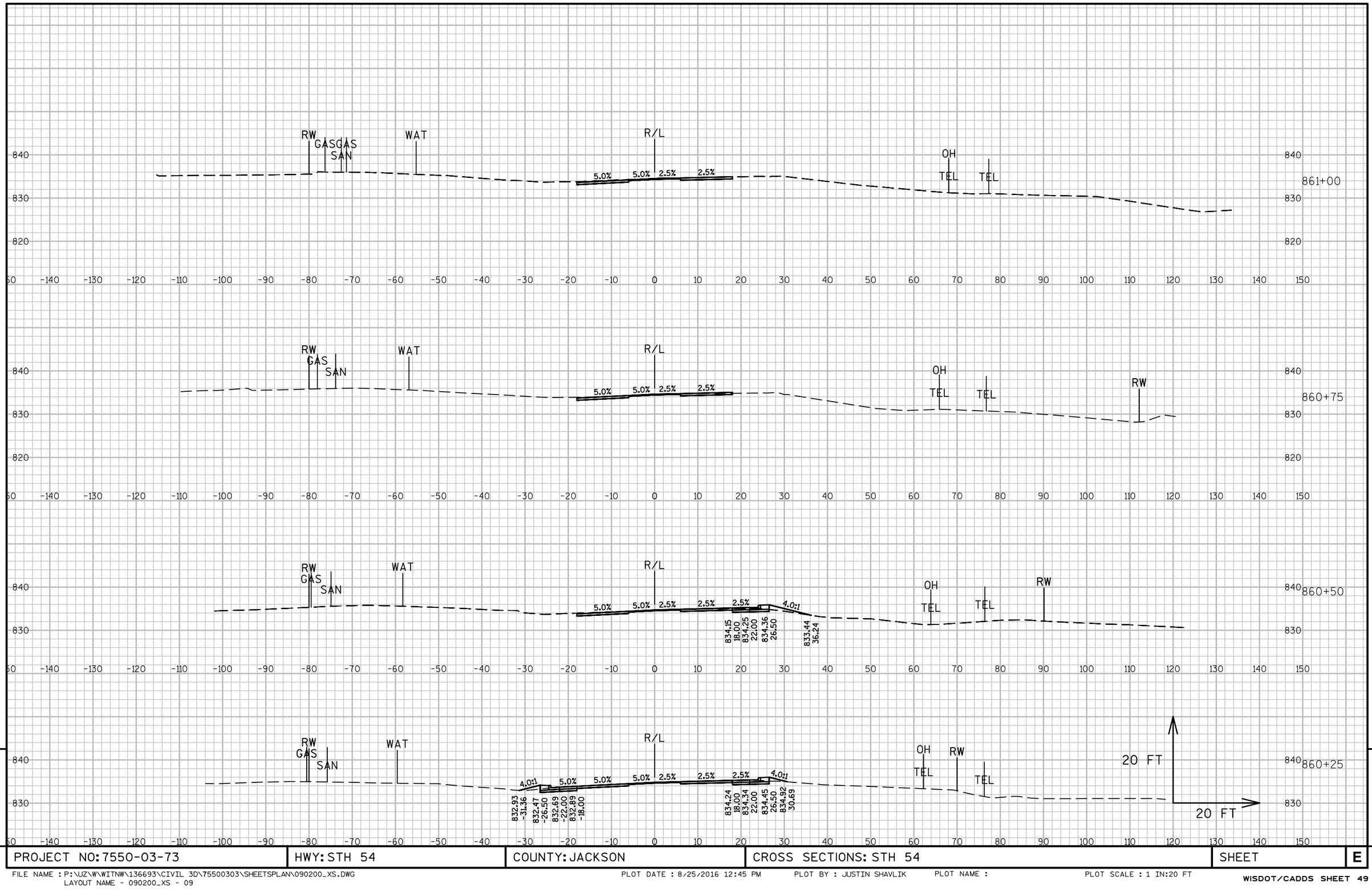
WISDOT/CADDS SHEET 49



PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 08

PLOT DATE : 8/25/2016 12:44 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



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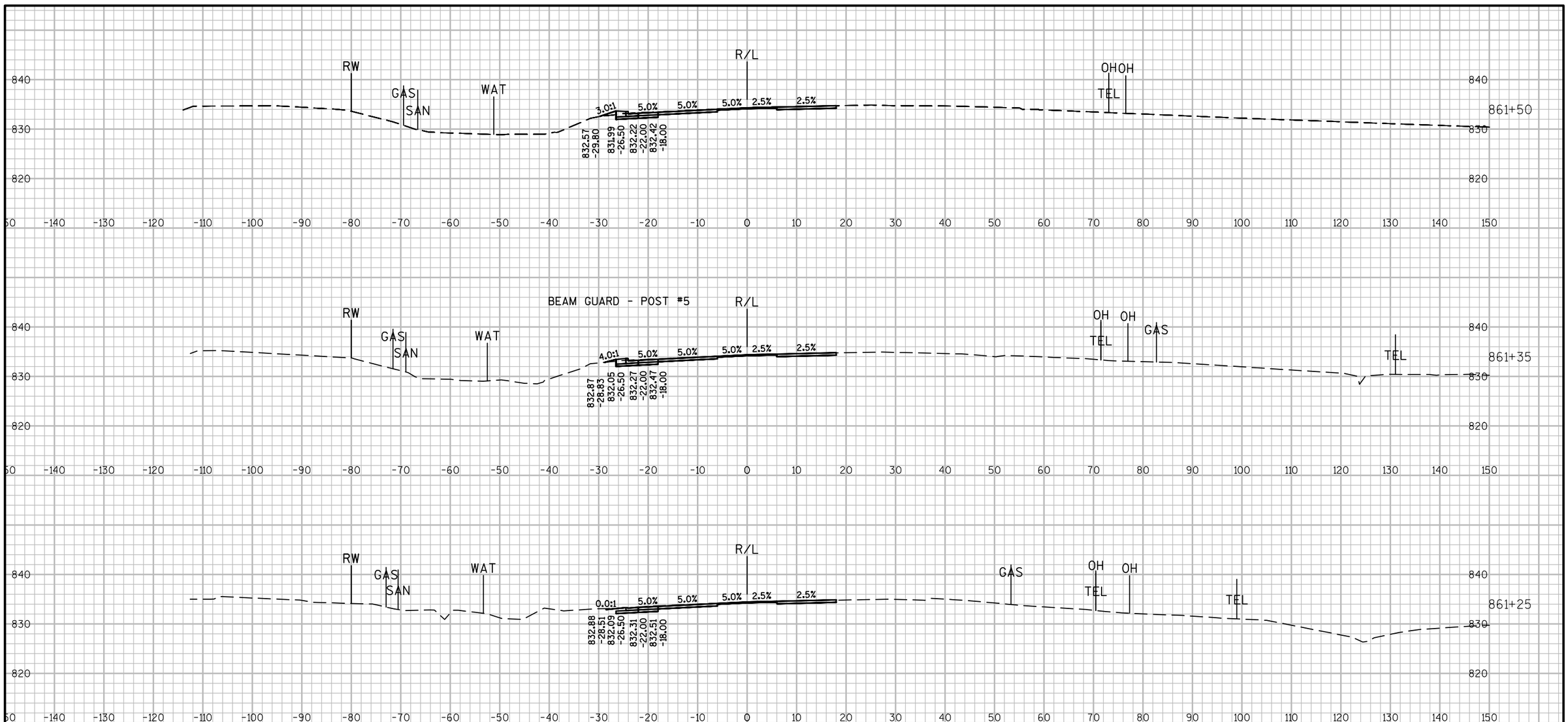
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

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LAYOUT NAME - 090200_XS - 09

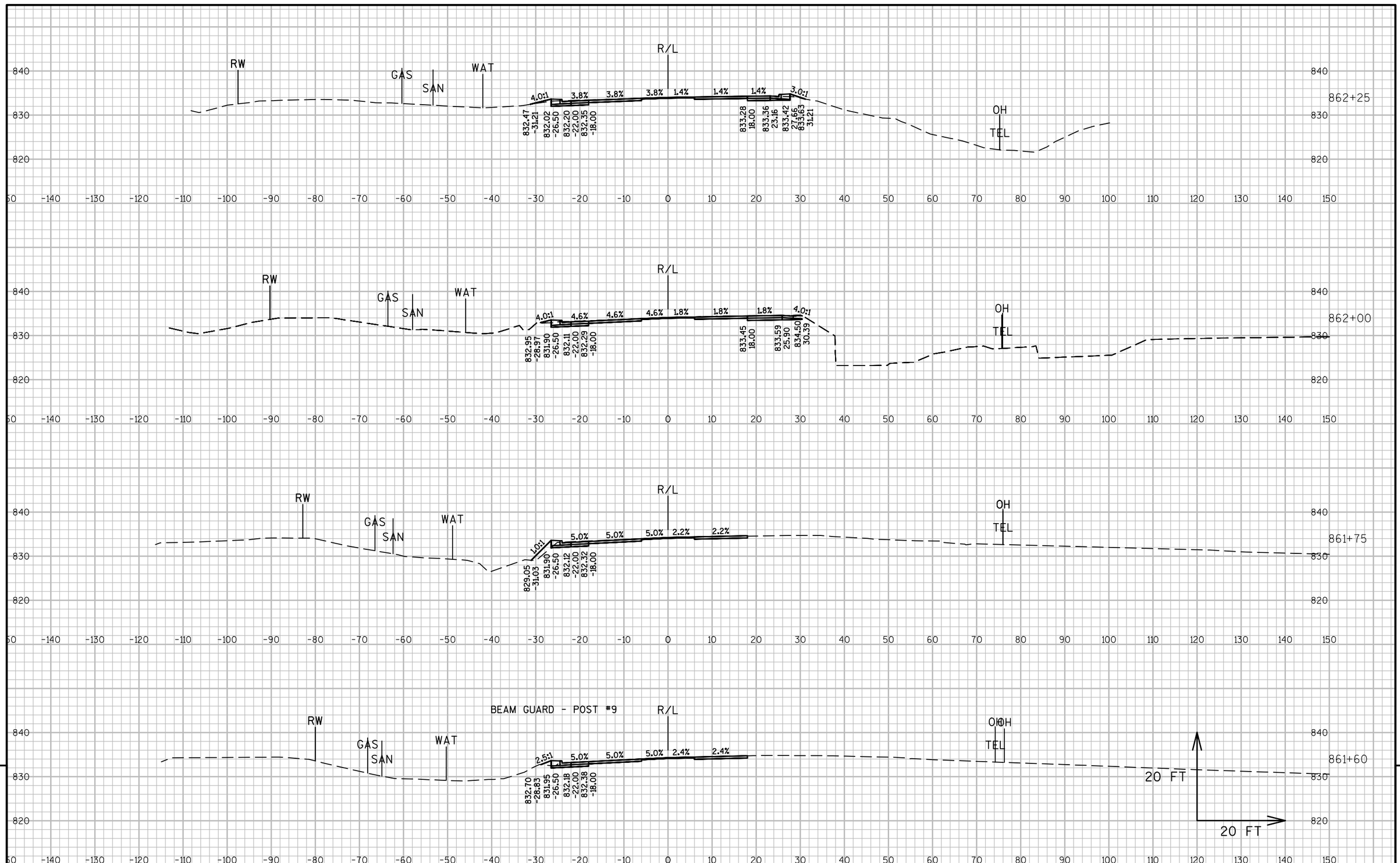
PLOT DATE : 8/25/2016 12:45 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 10
PLOT DATE : 8/25/2016 12:46 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



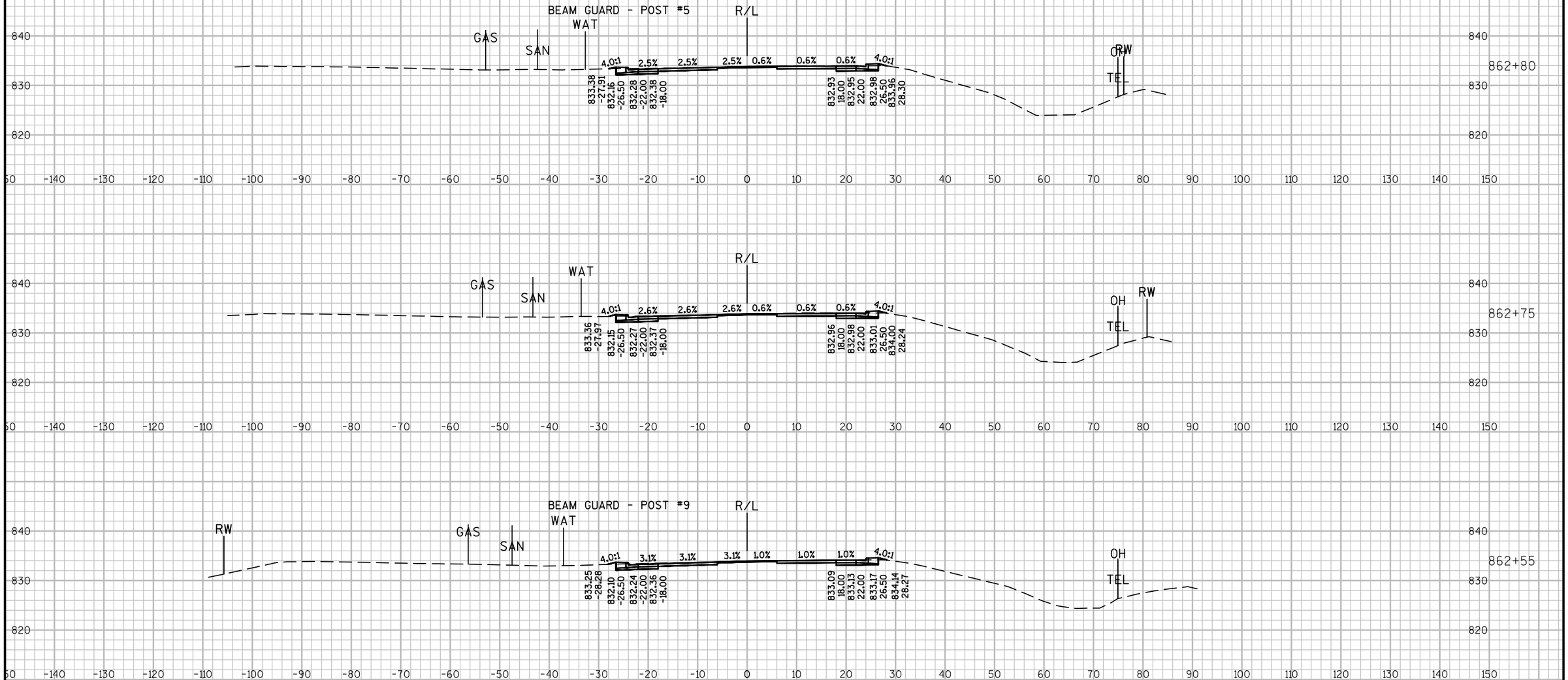
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 11

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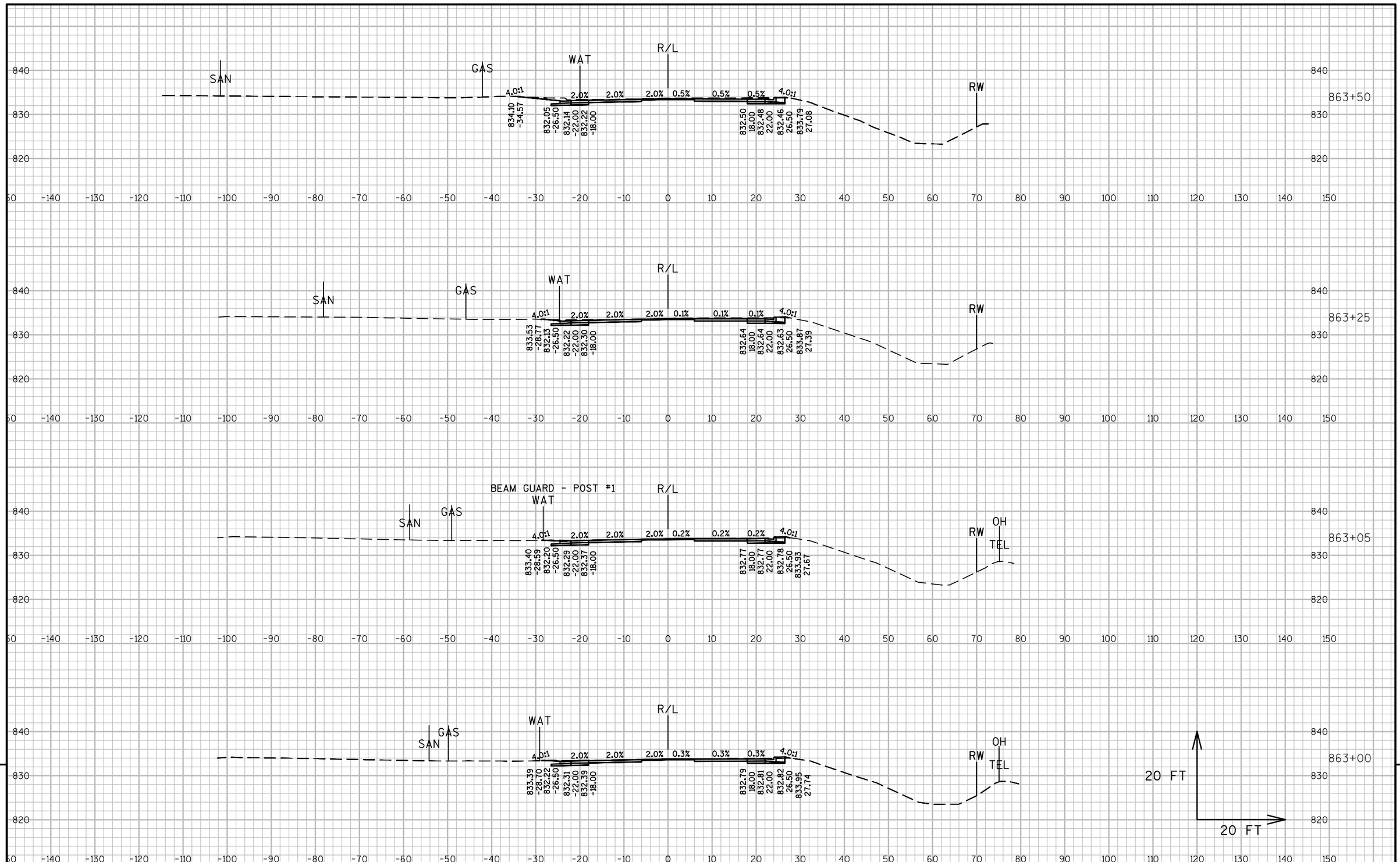


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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 12
PLOT DATE : 8/25/2016 12:48 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



9

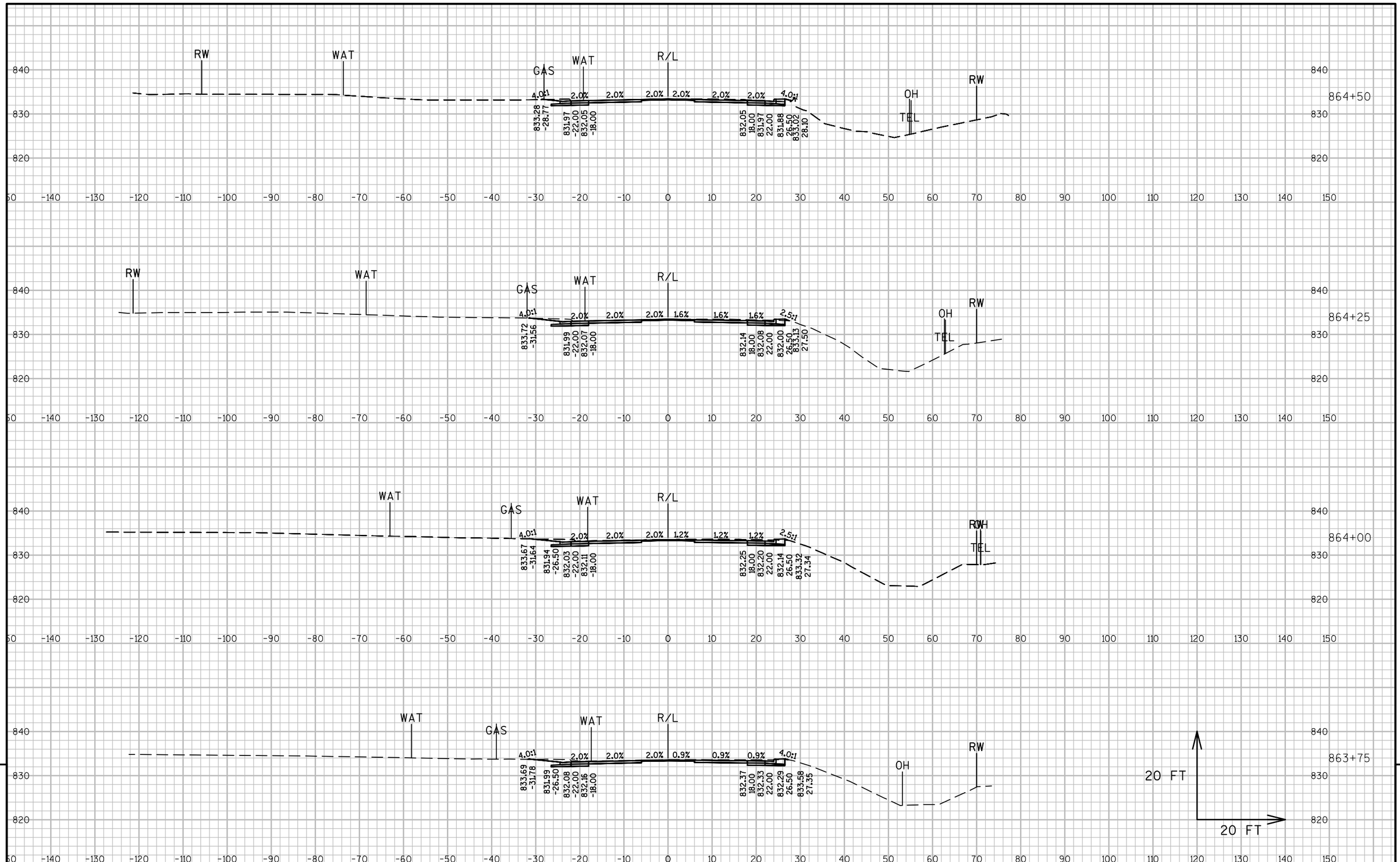
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 13

PLOT DATE : 8/25/2016 12:49 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



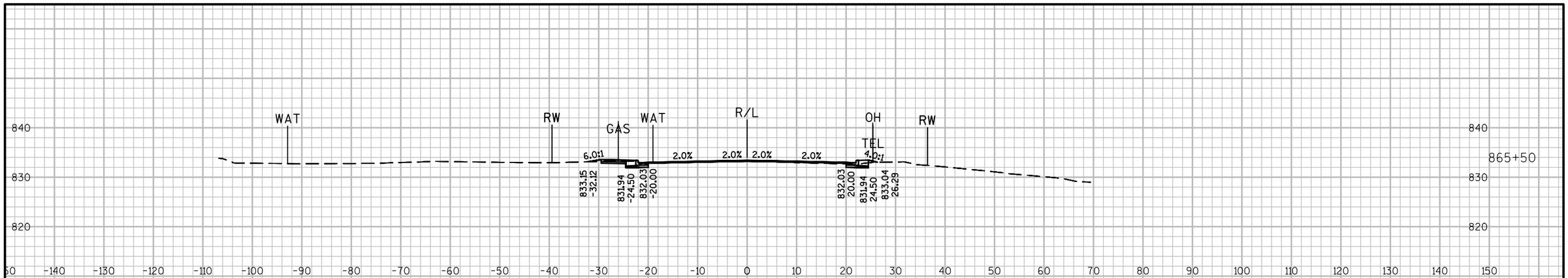
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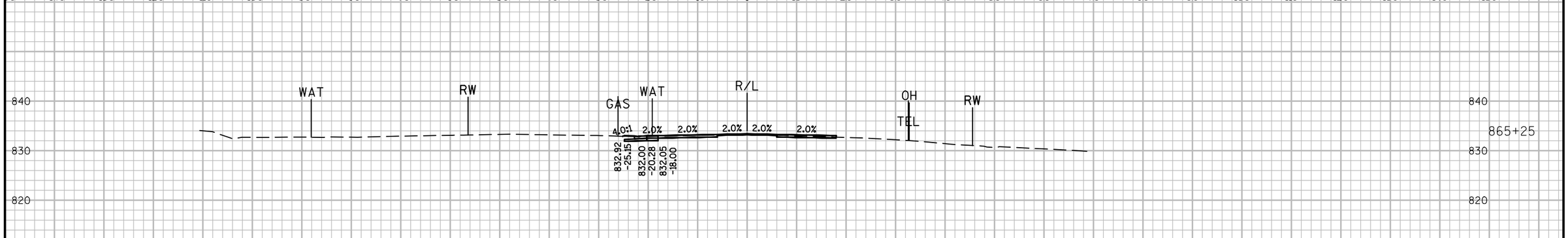
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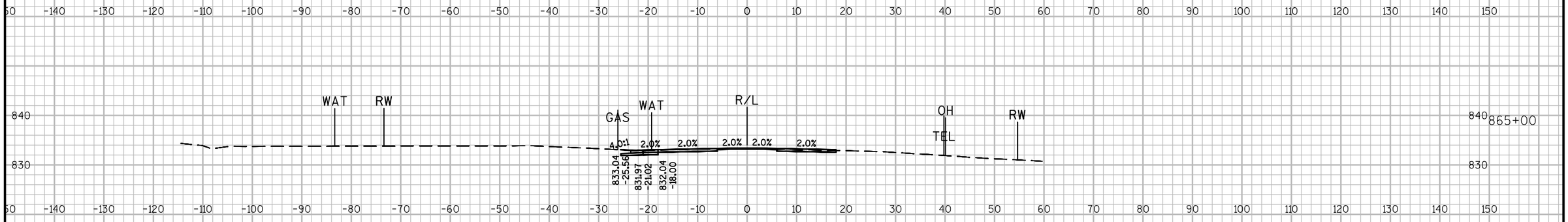
PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

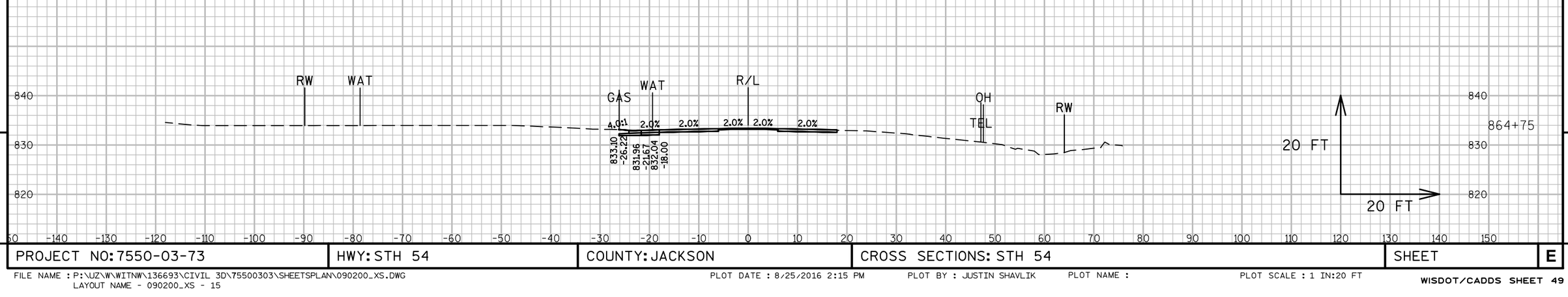
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LAYOUT NAME - 090200_XS - 14

PLOT DATE : 8/25/2016 2:14 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT









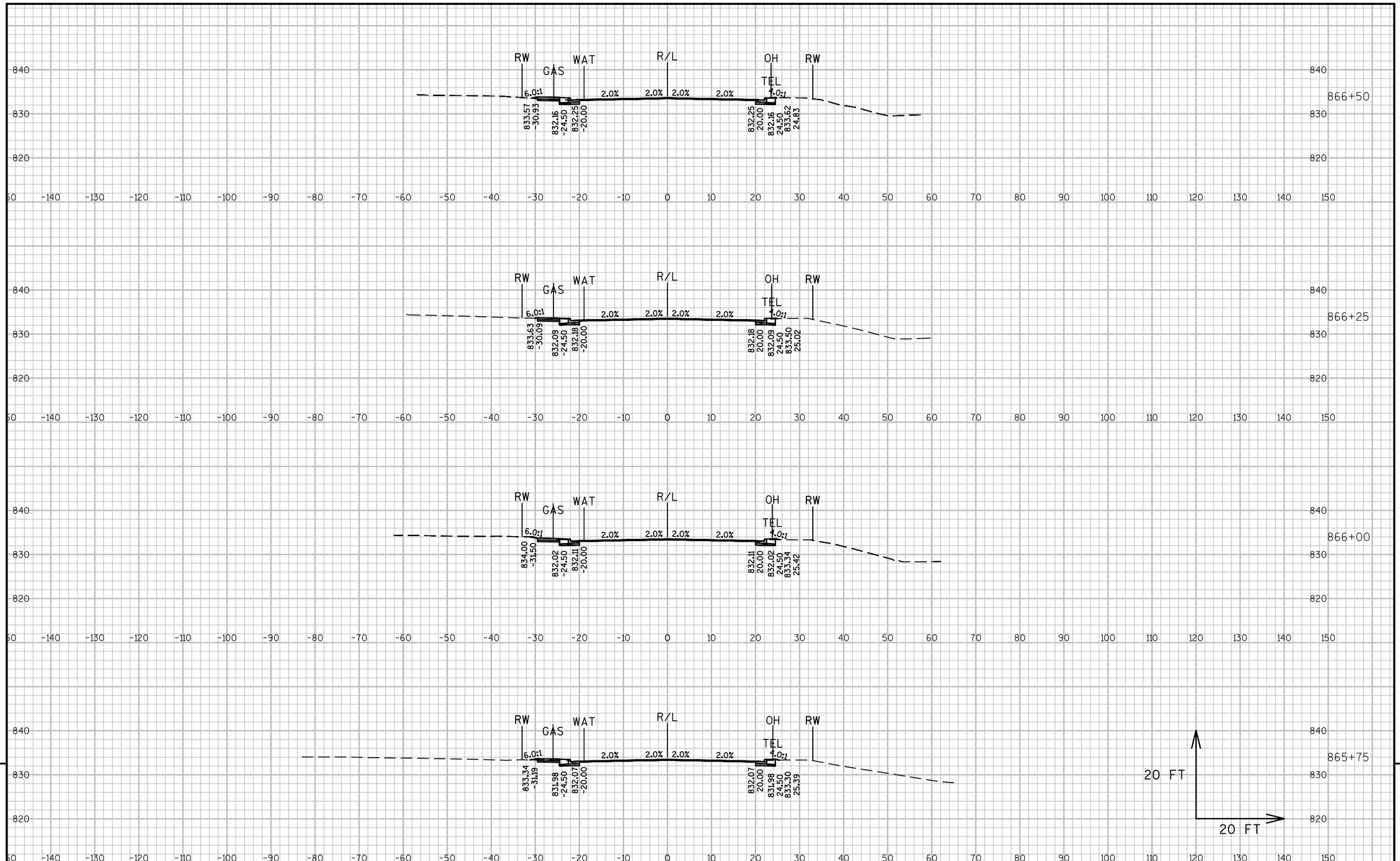
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 15

PLOT DATE : 8/25/2016 2:15 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

9

PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 16

PLOT DATE : 8/25/2016 12:51 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

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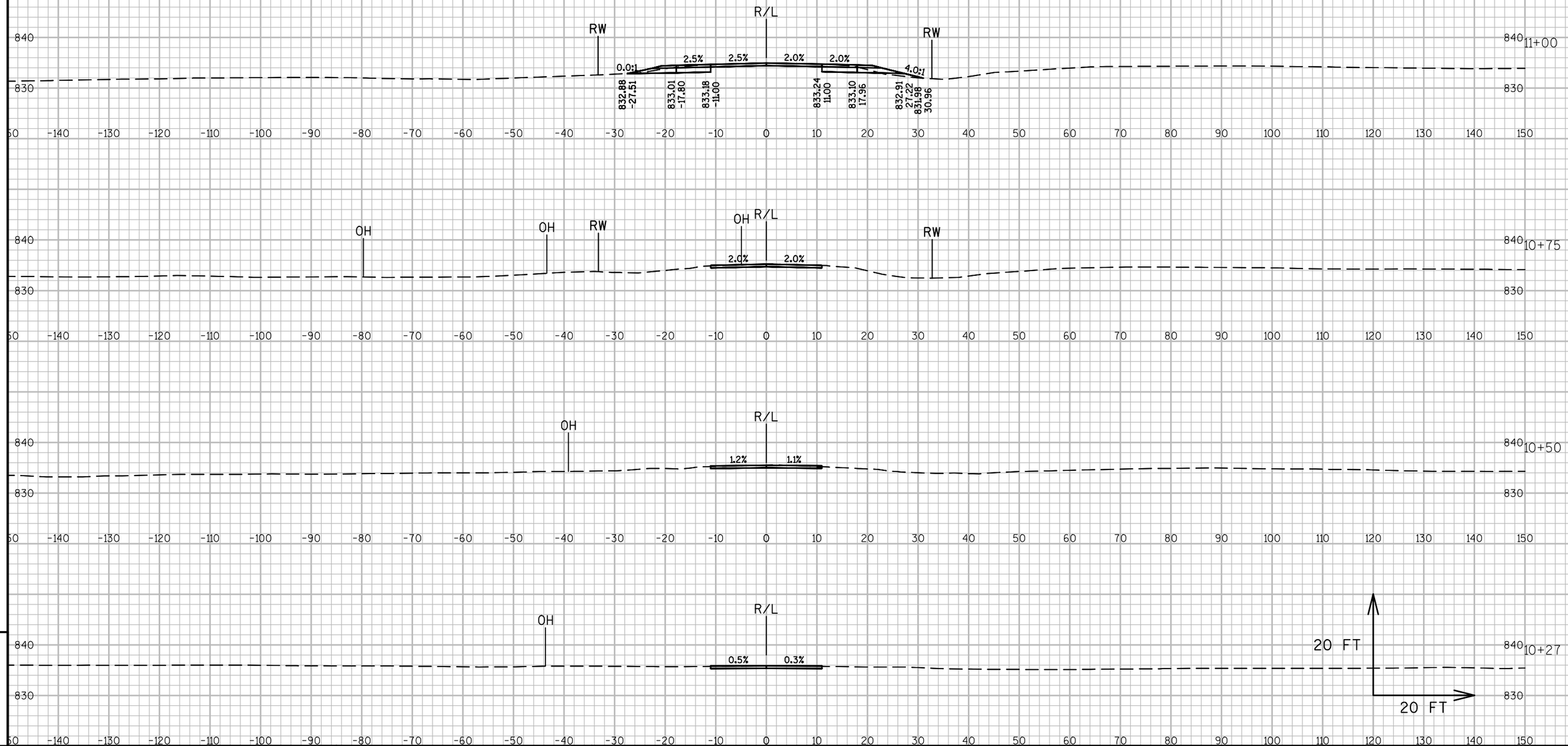
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: STH 54	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 17

PLOT DATE : 8/25/2016 12:52 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

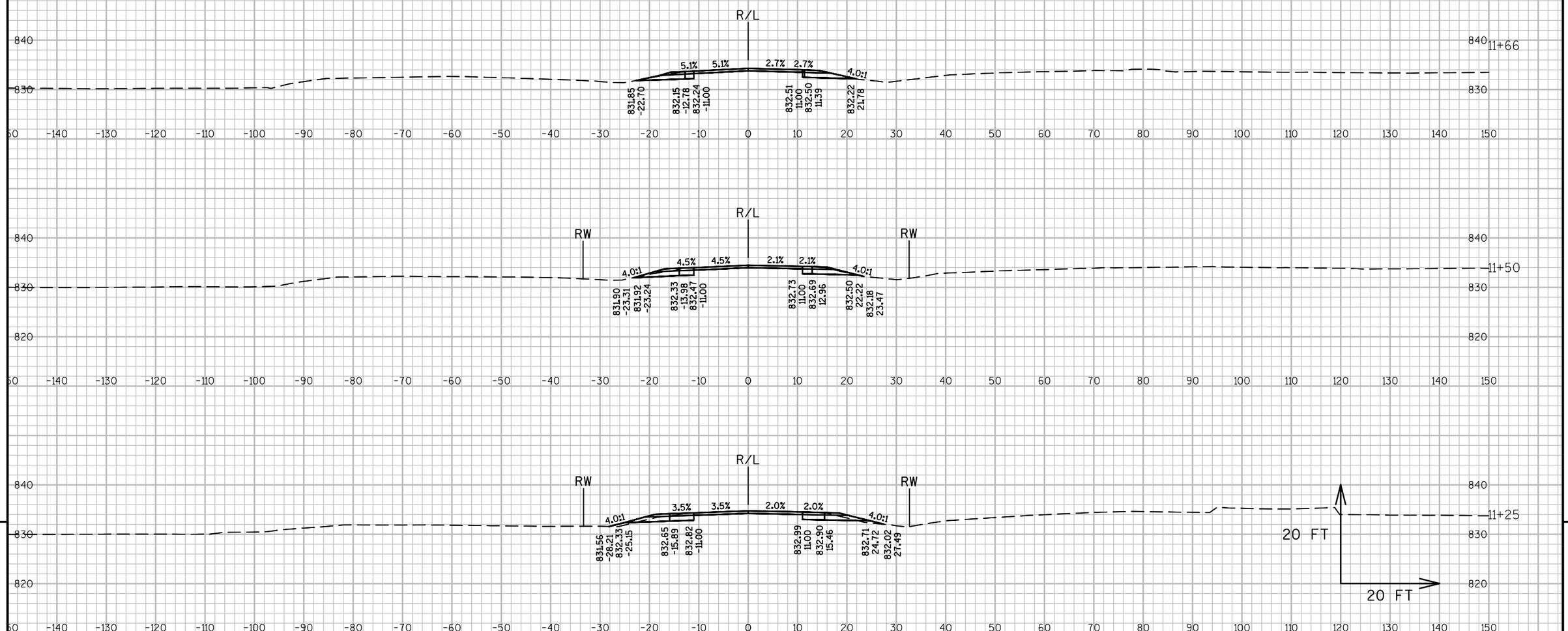


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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 18
PLOT DATE : 8/25/2016 12:53 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



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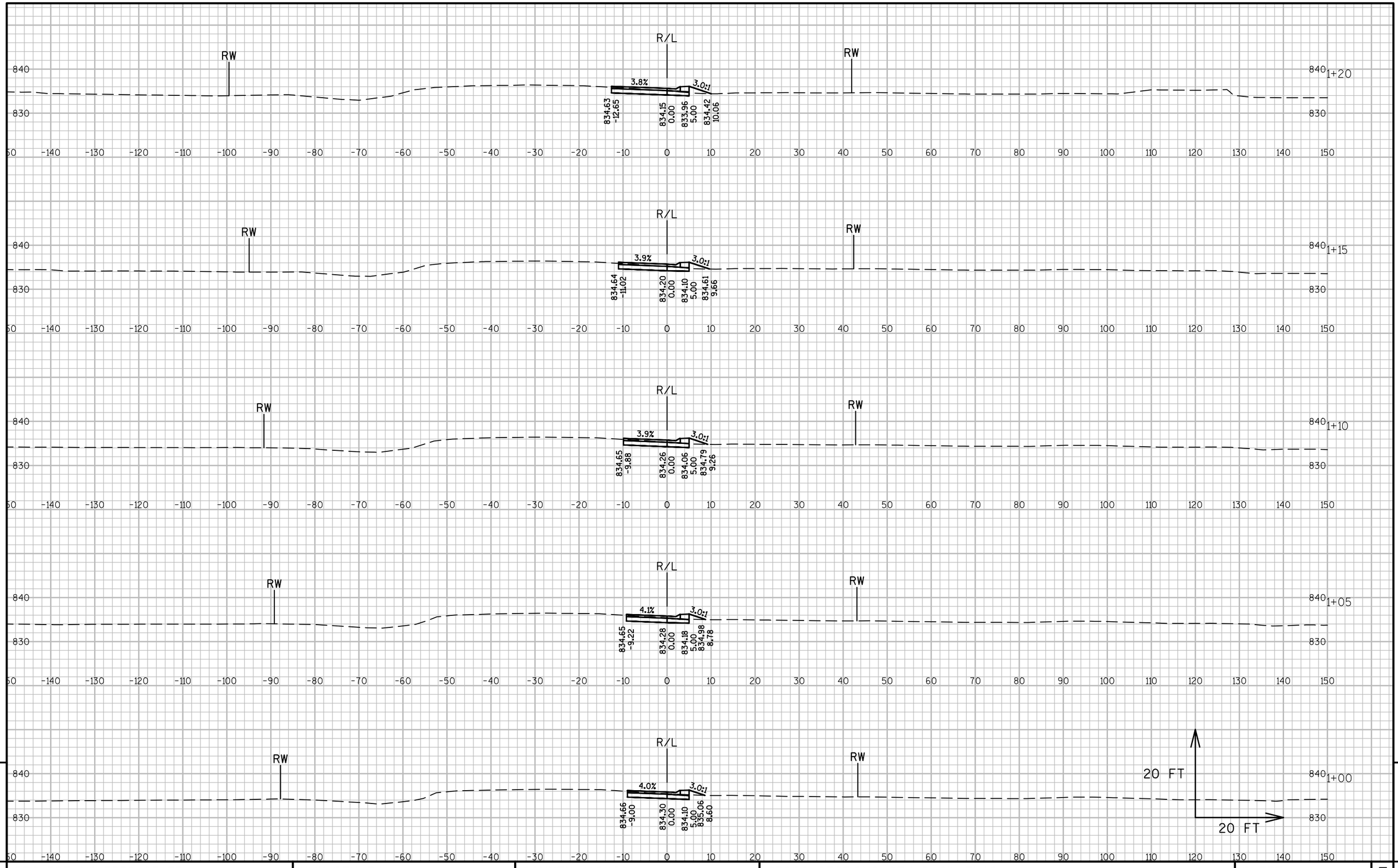
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 19

PLOT DATE : 8/25/2016 12:54 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



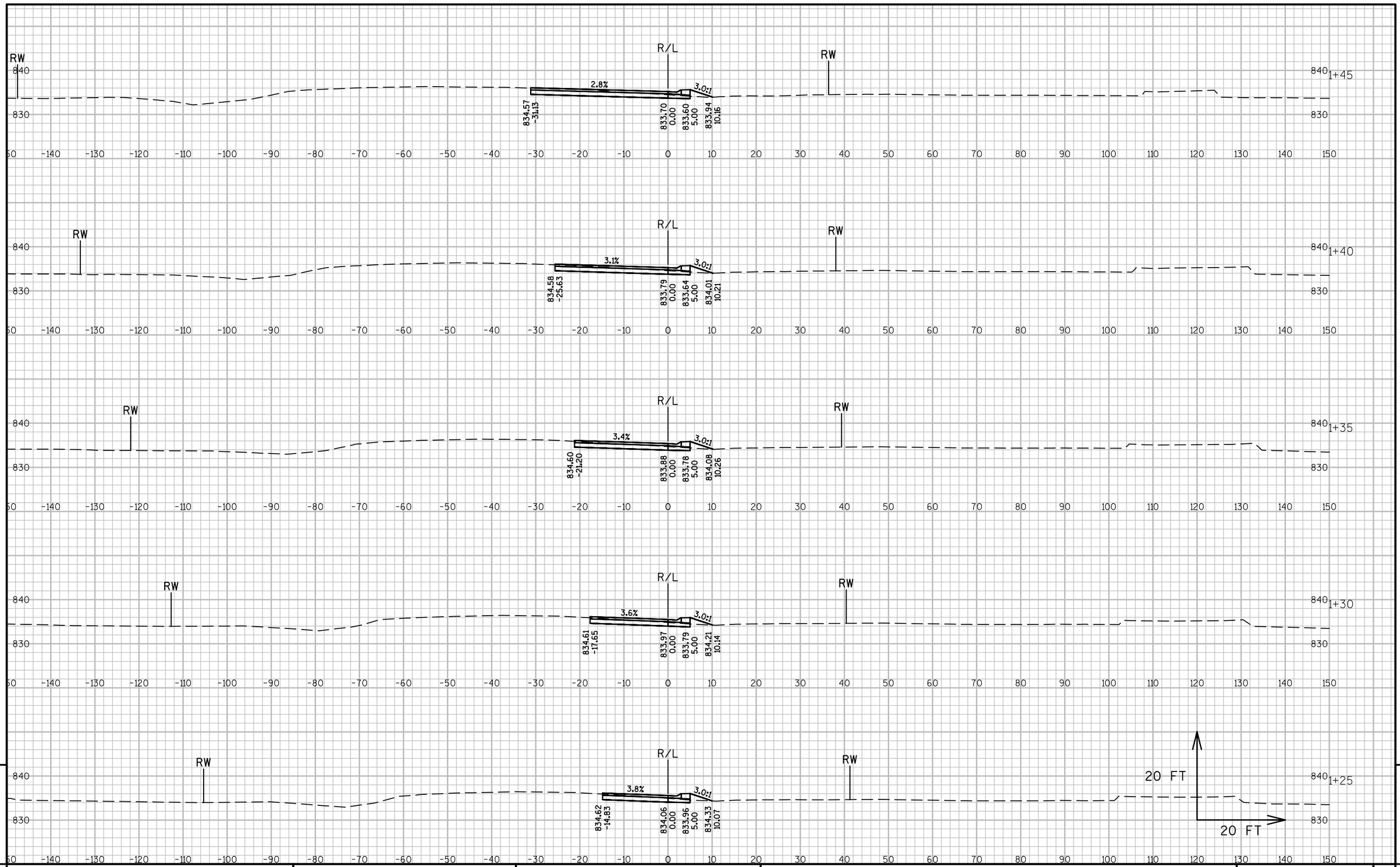
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R SW FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 20

PLOT DATE : 8/25/2016 12:55 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



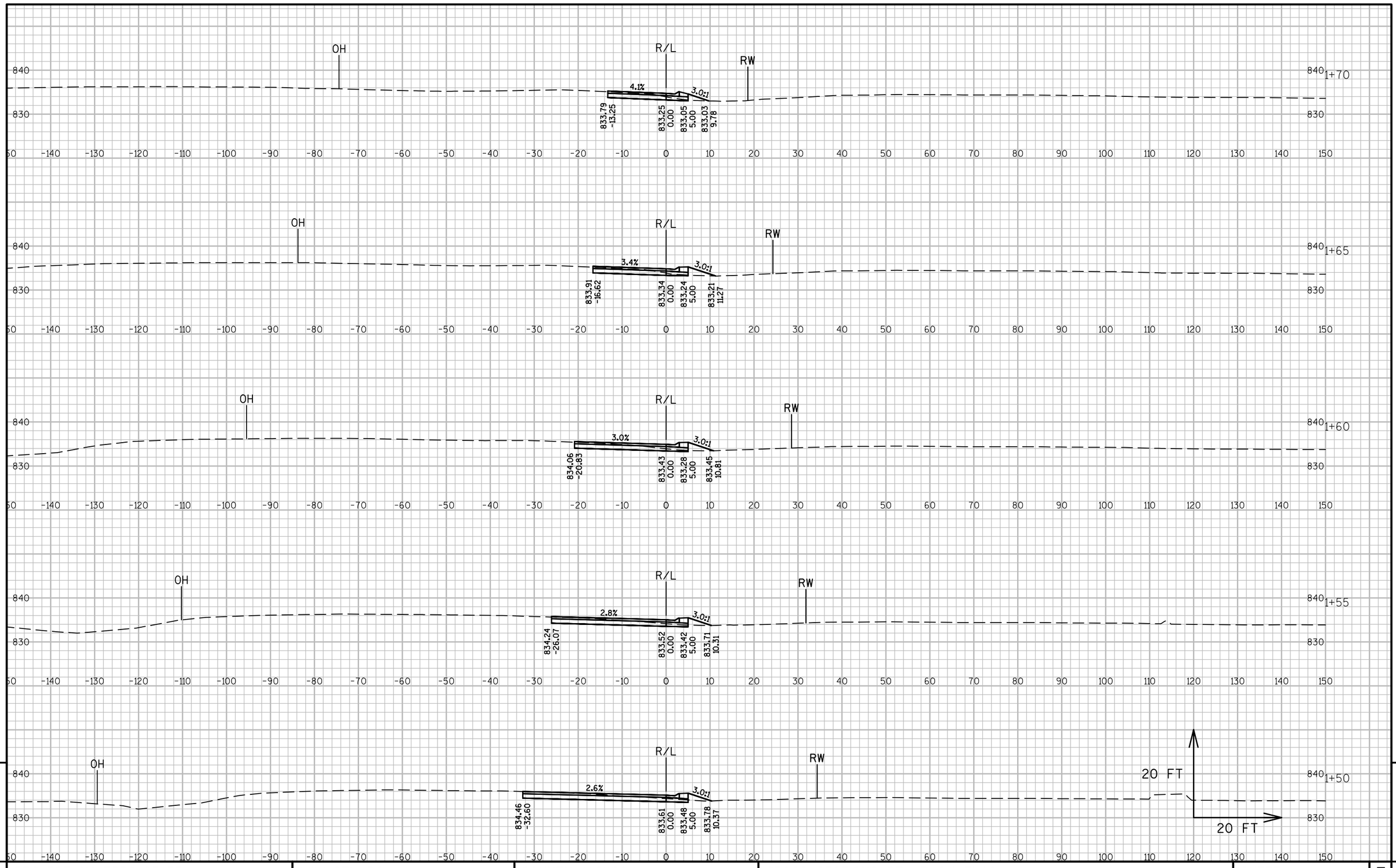
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R SW FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 21

PLOT DATE : 8/25/2016 12:56 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



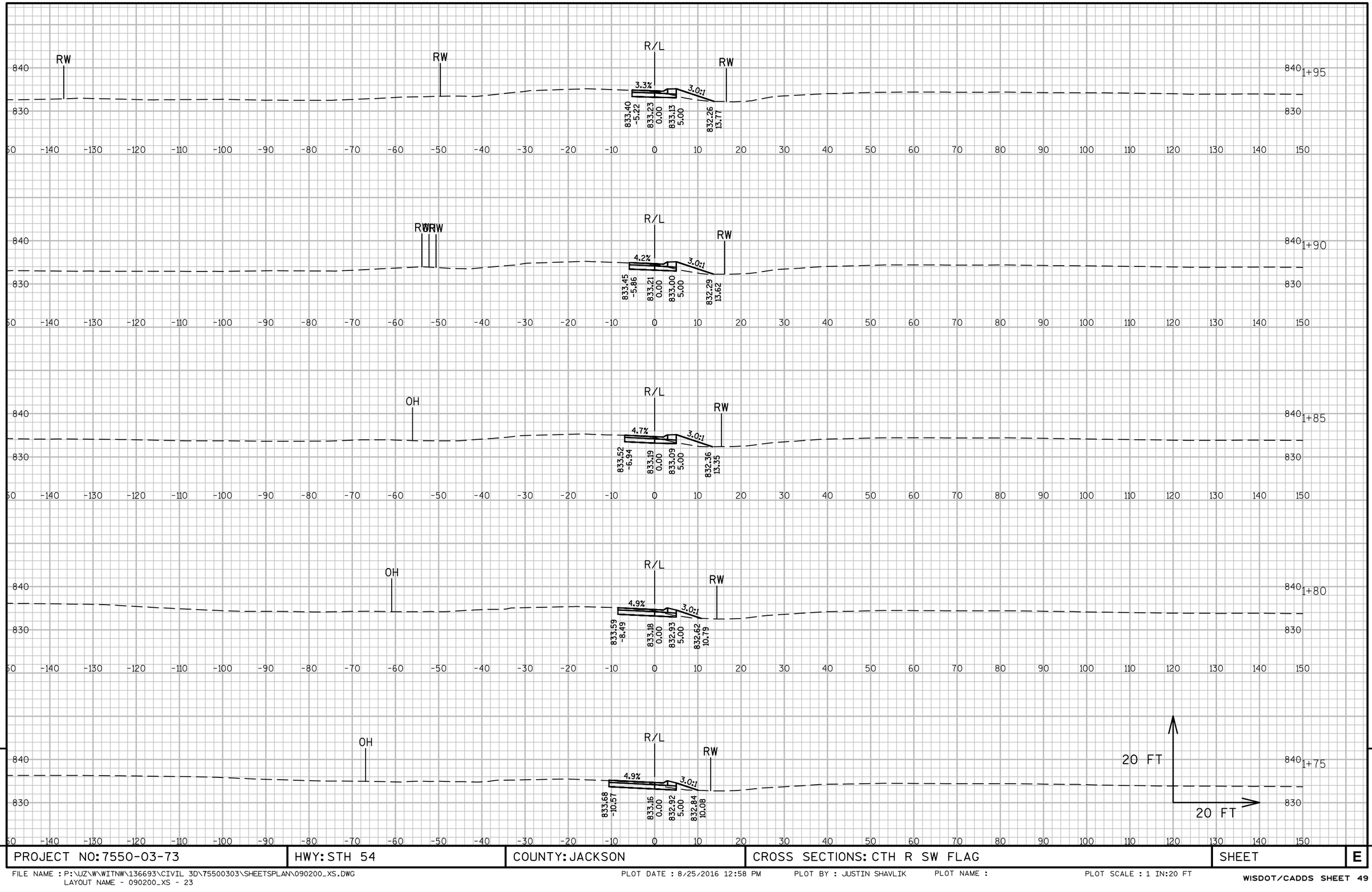
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9

PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R SW FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 22

PLOT DATE : 8/25/2016 12:57 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

9

PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R SW FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 23

PLOT DATE : 8/25/2016 12:58 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



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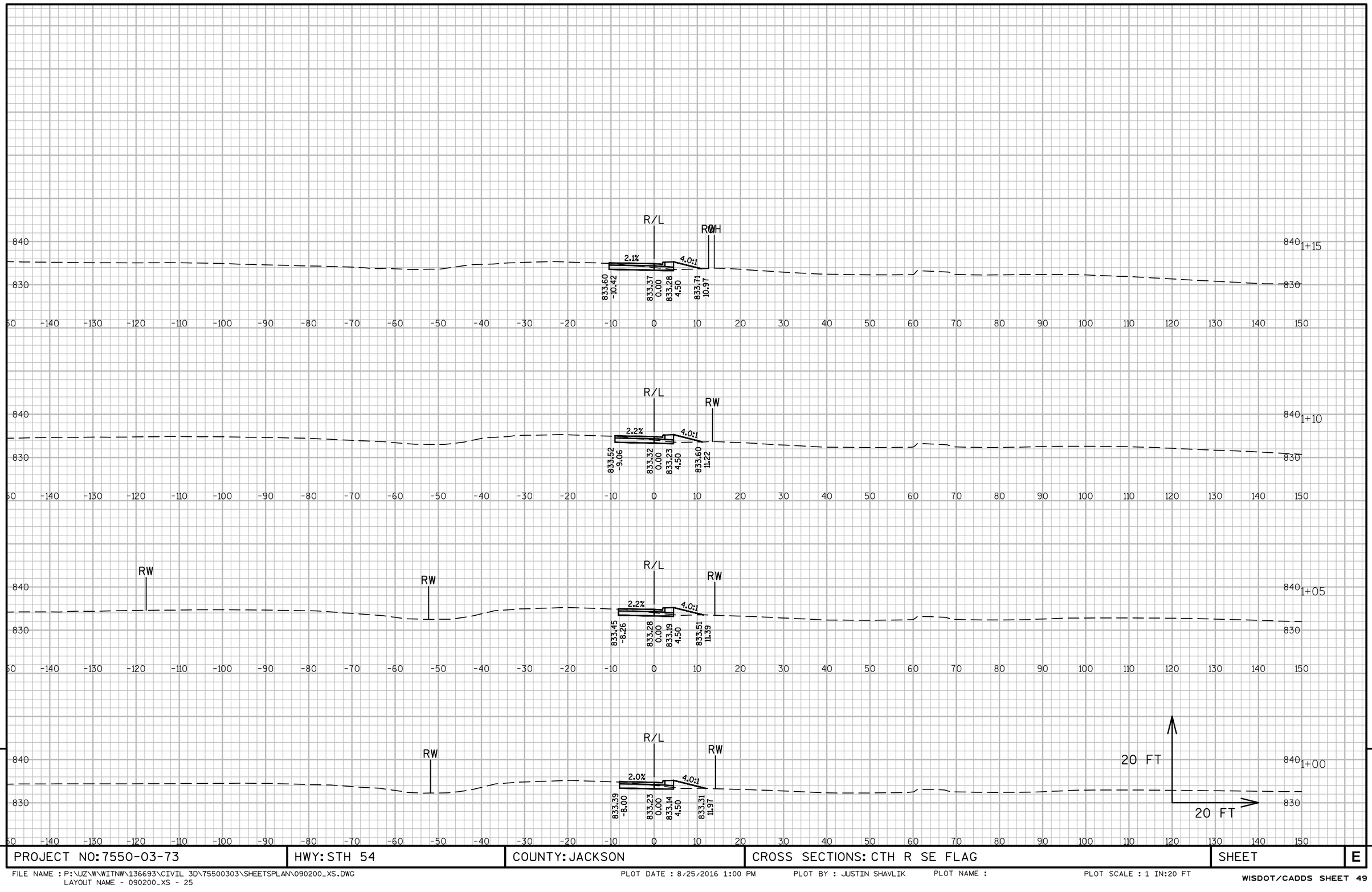
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R SW FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 24

PLOT DATE : 8/25/2016 12:59 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



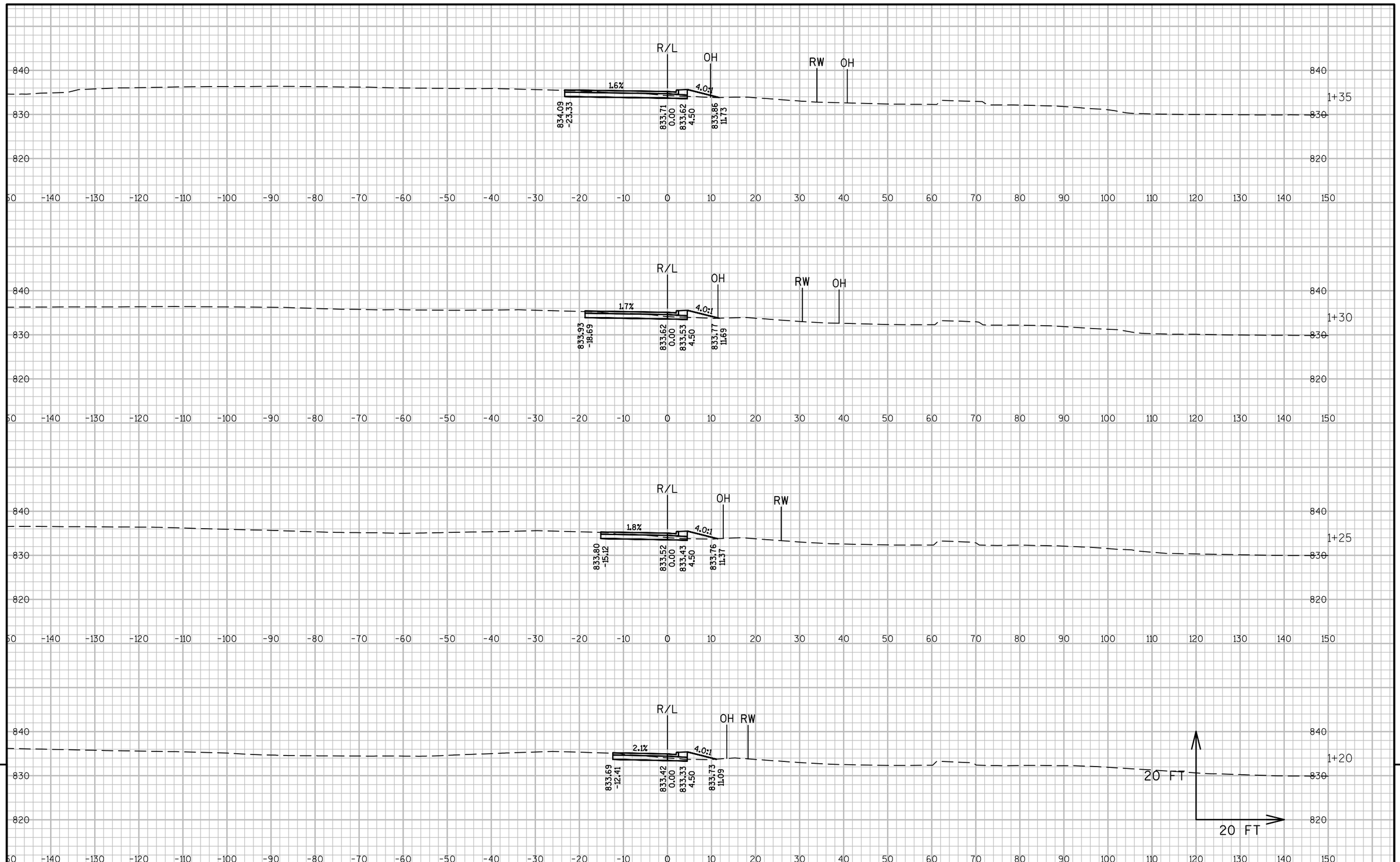
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R SE FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 25

PLOT DATE : 8/25/2016 1:00 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



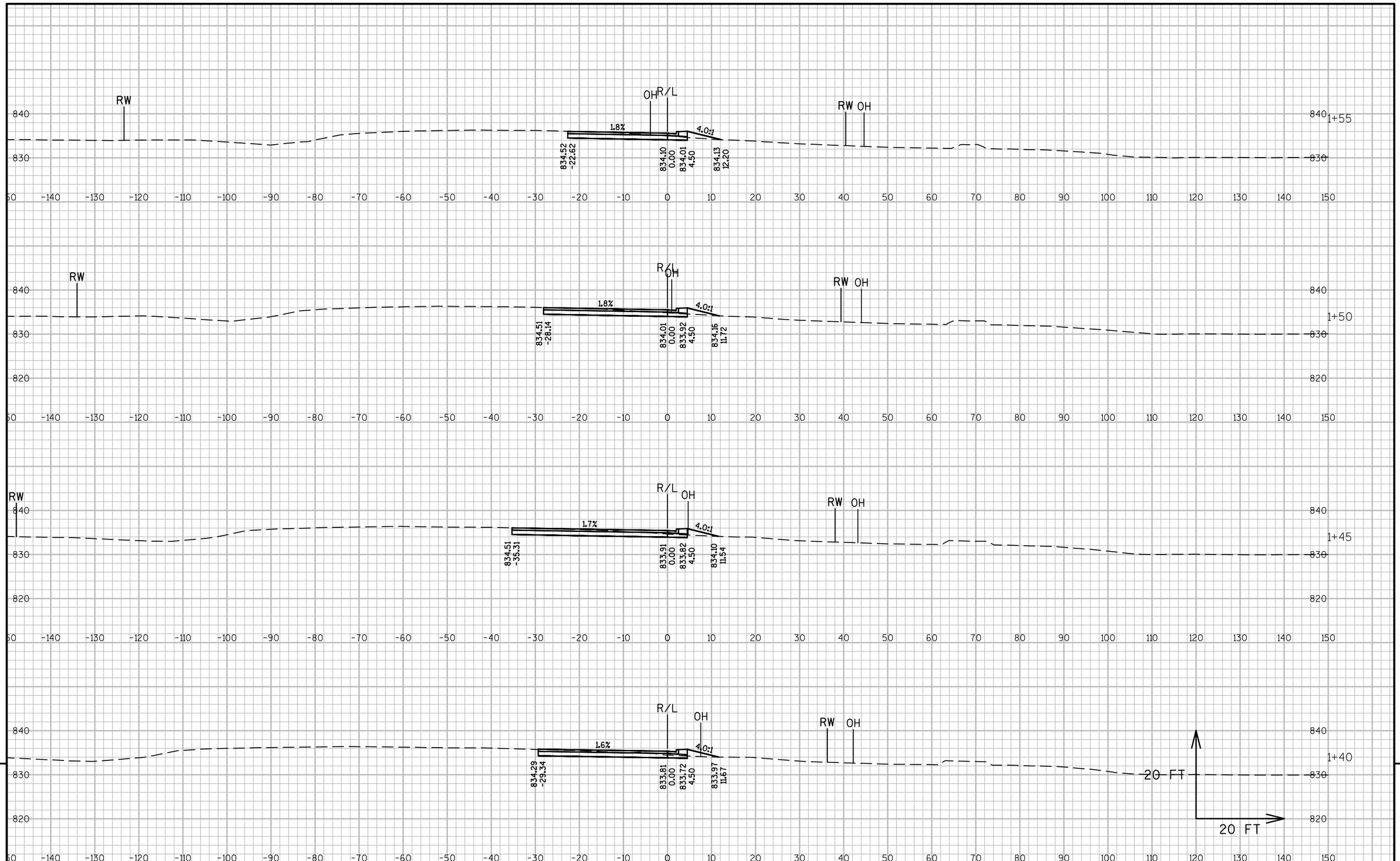
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R SE FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 26

PLOT DATE : 8/25/2016 1:00 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



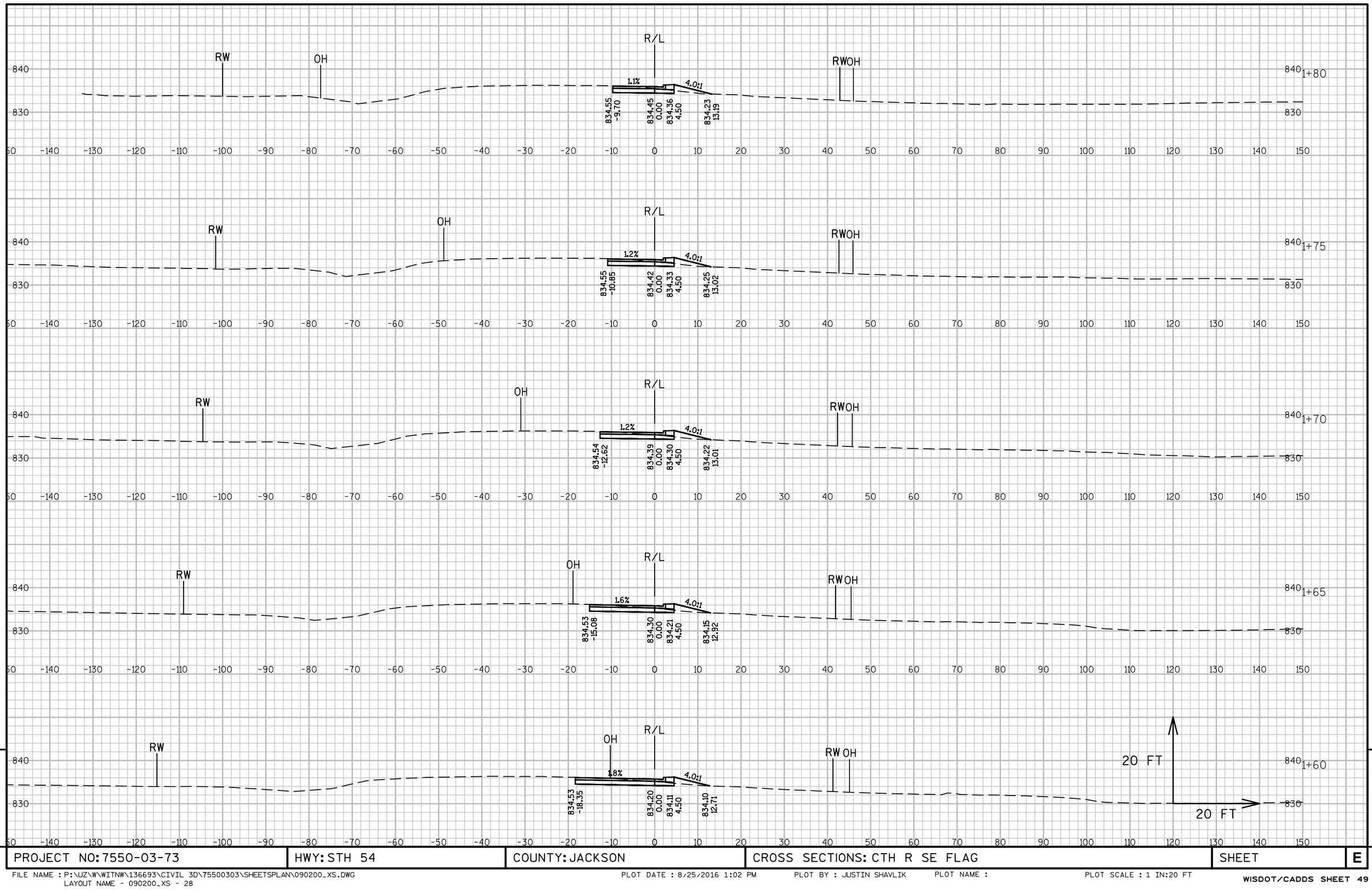
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R SE FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 27

PLOT DATE : 8/25/2016 1:01 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



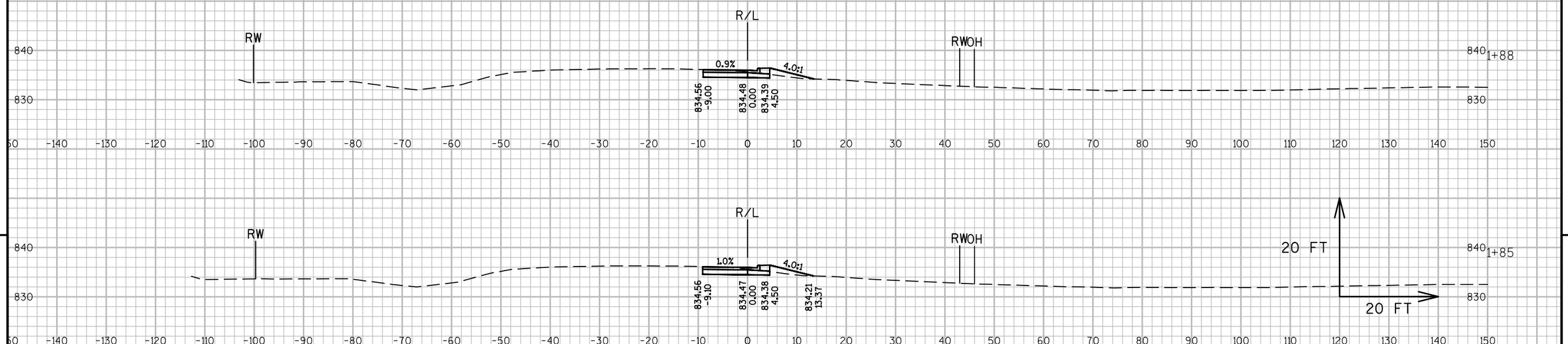
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R SE FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 28

PLOT DATE : 8/25/2016 1:02 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



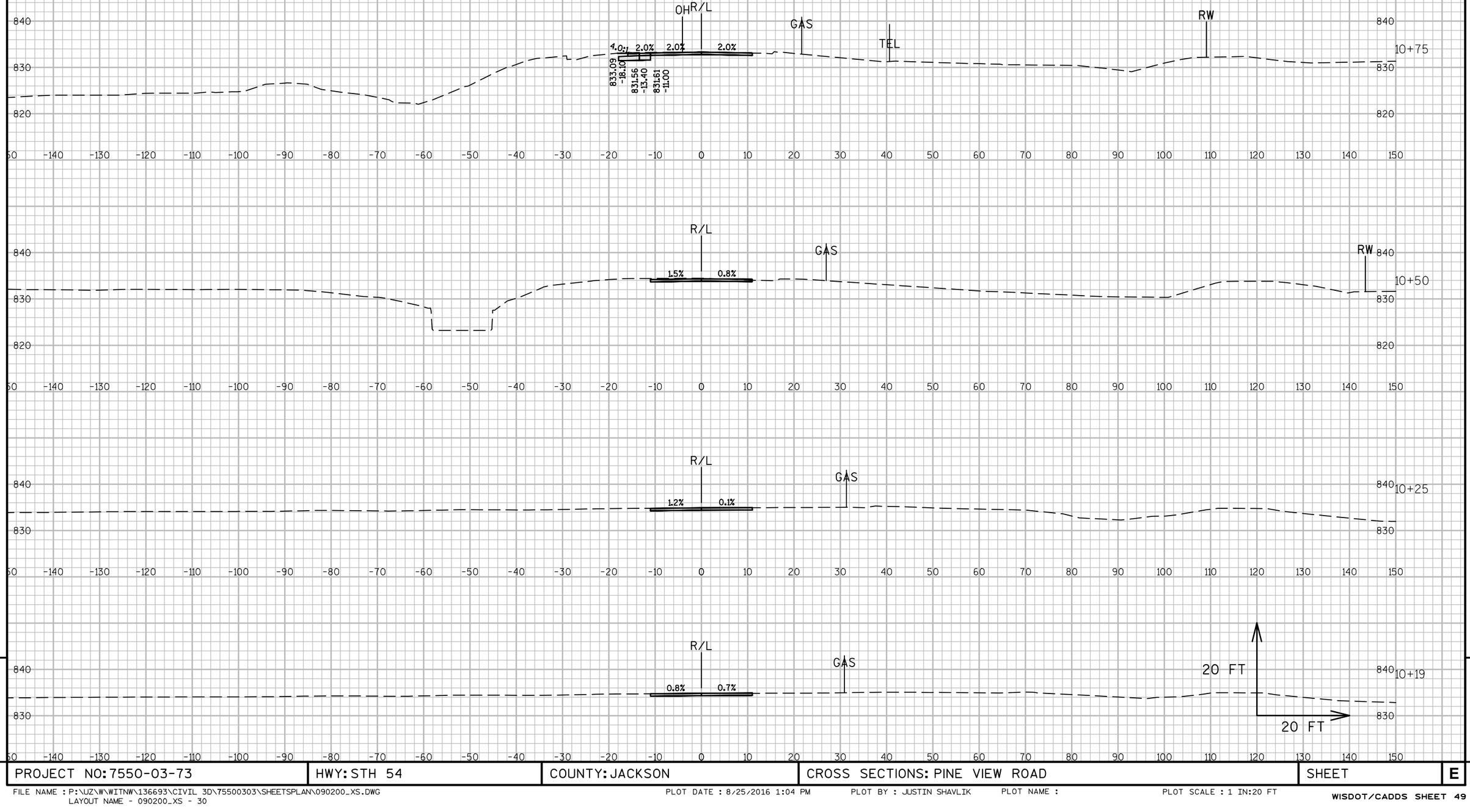
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: CTH R SE FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 29

PLOT DATE : 8/25/2016 1:03 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



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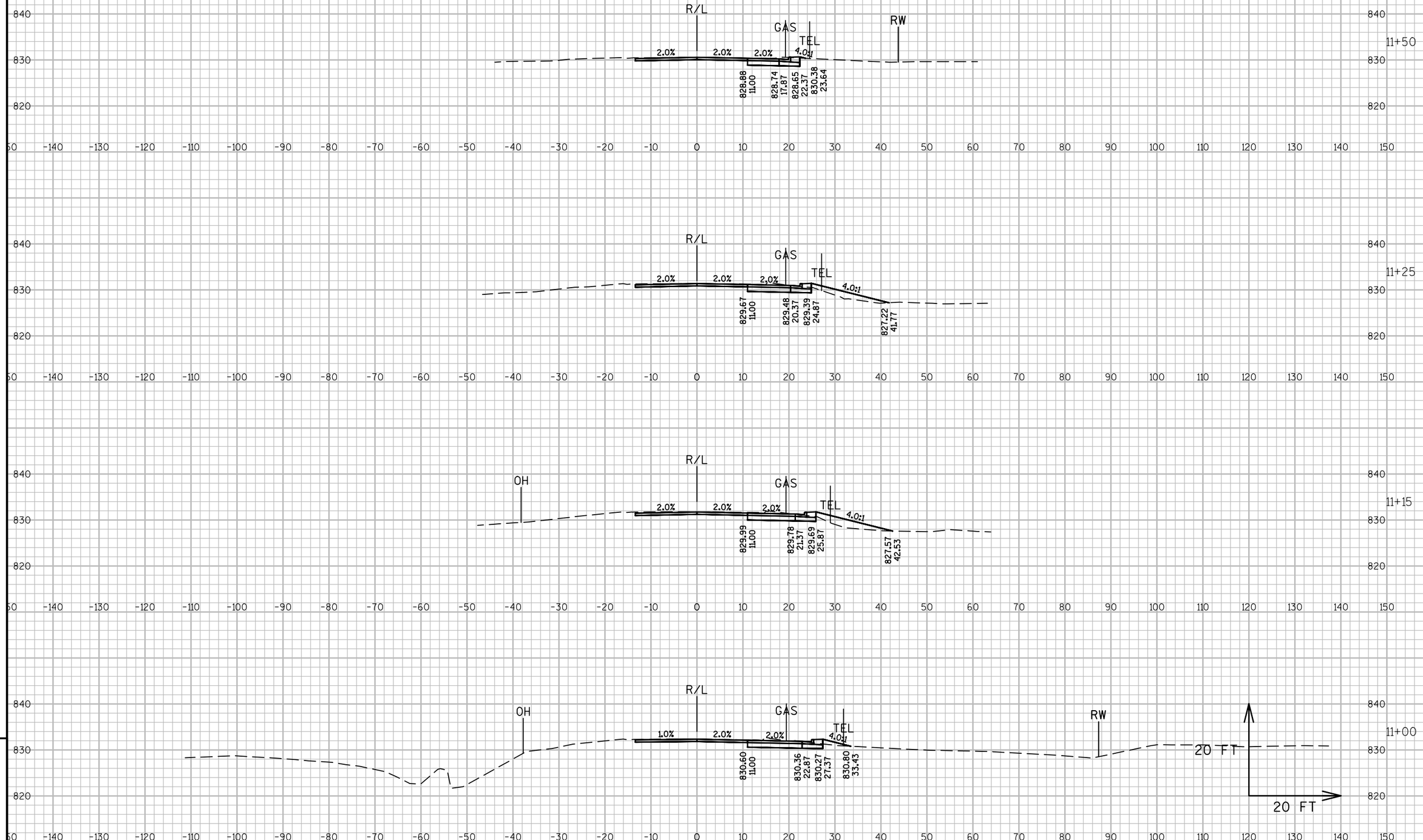
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 30

PLOT DATE : 8/25/2016 1:04 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



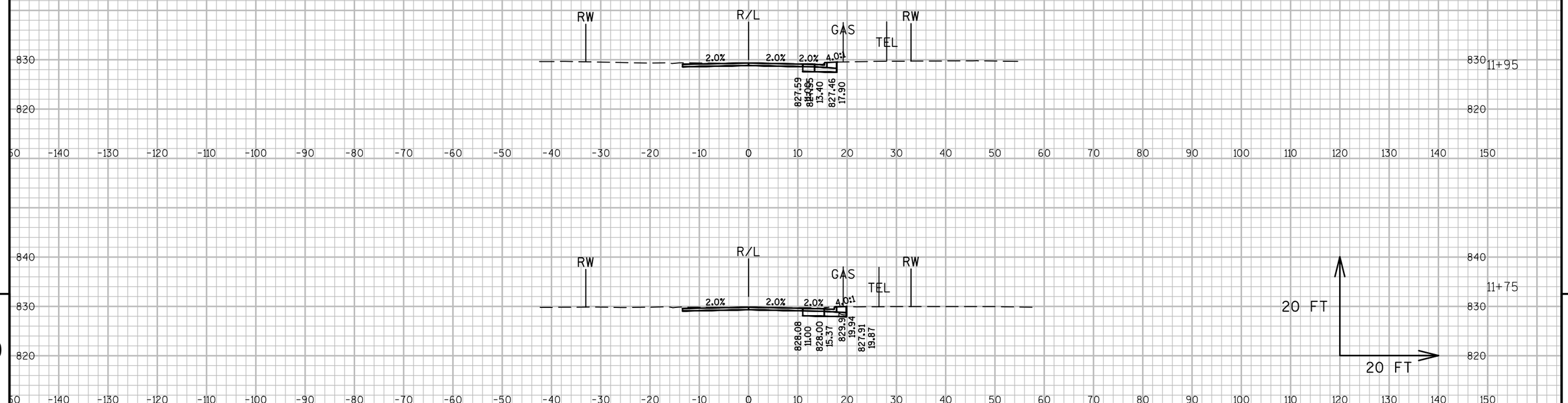
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 31

PLOT DATE : 8/25/2016 1:05 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



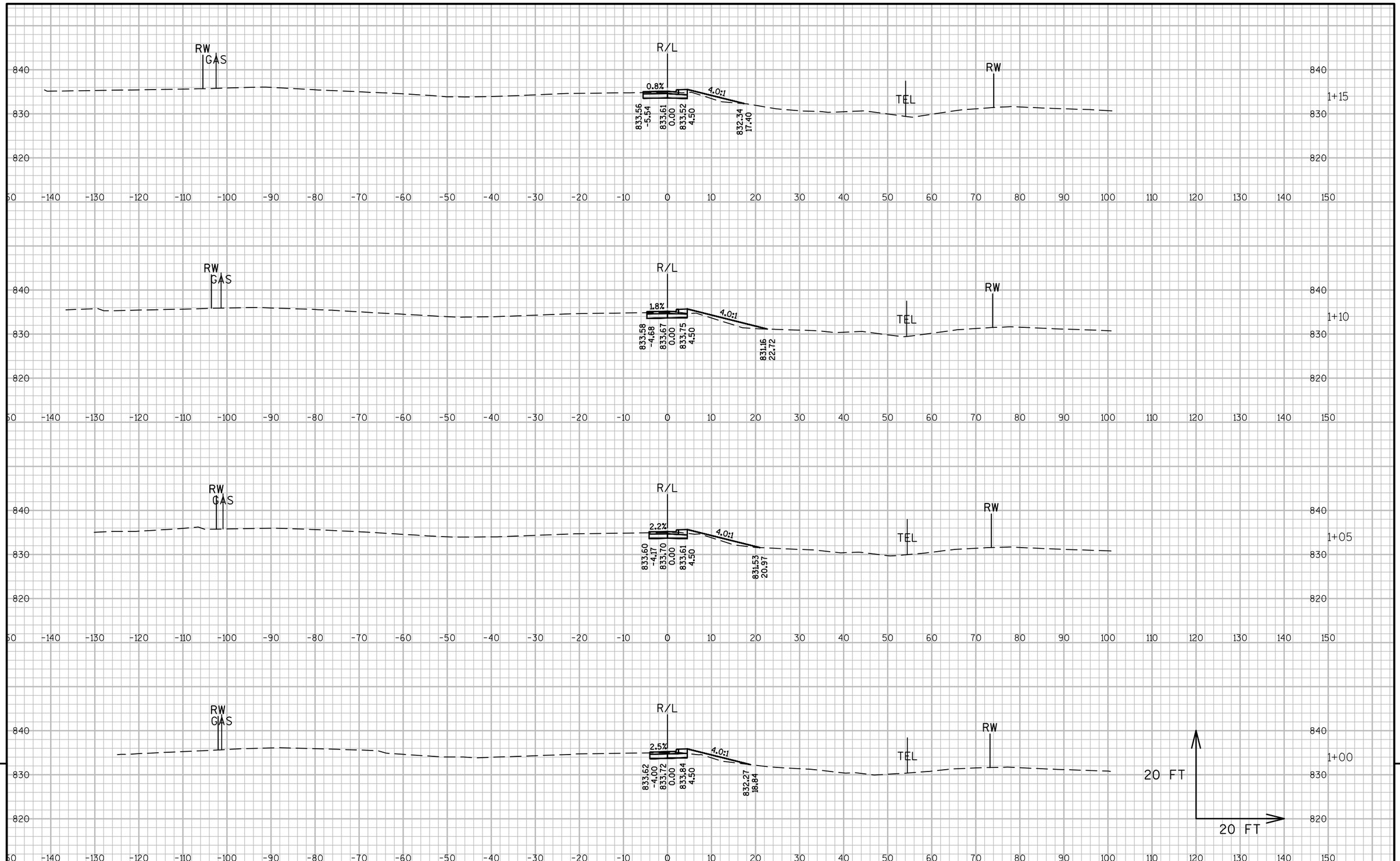
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 32

PLOT DATE : 8/25/2016 1:06 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

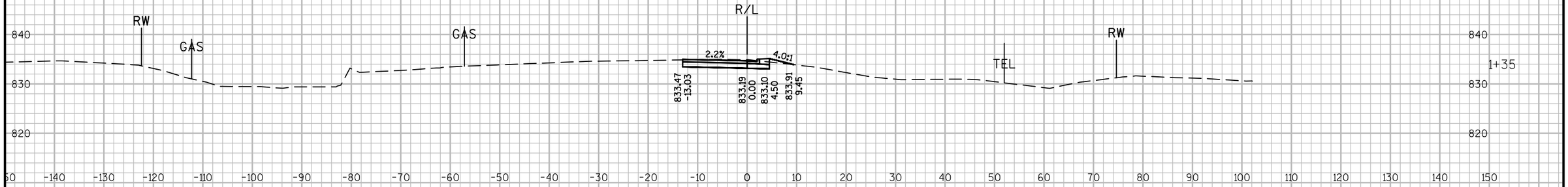


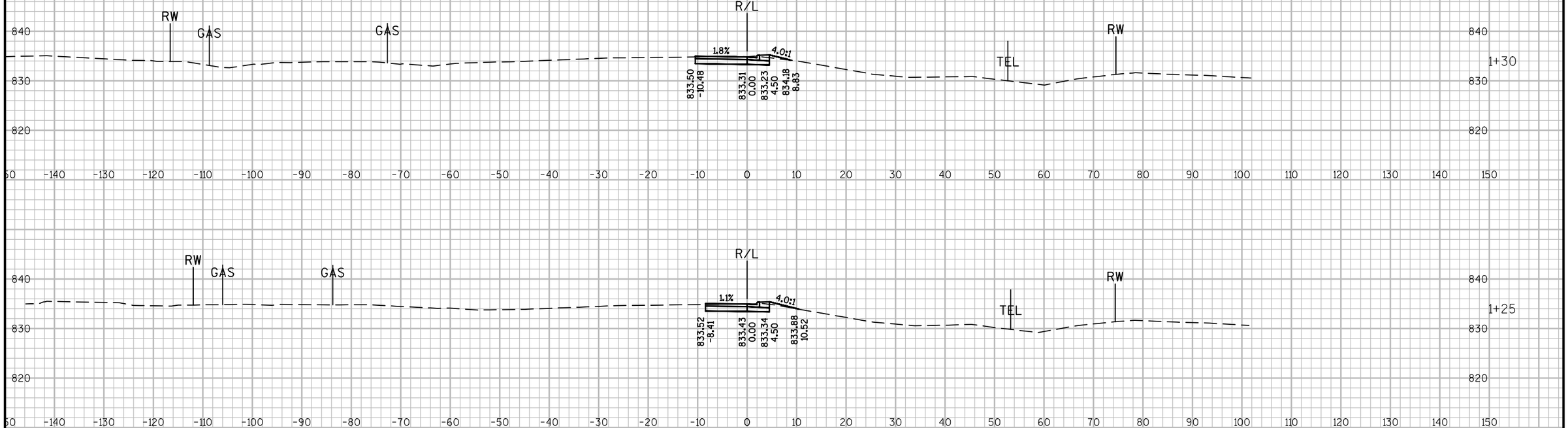
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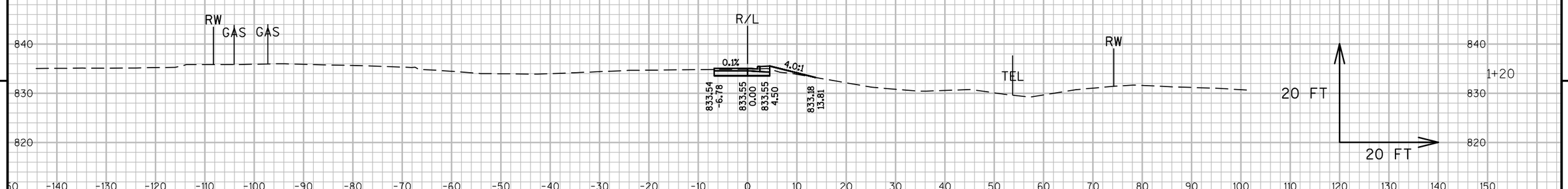
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD SW FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 33
PLOT DATE : 8/25/2016 1:07 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49







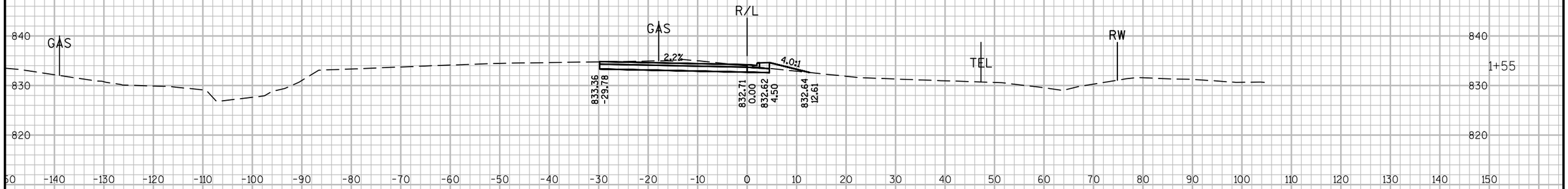
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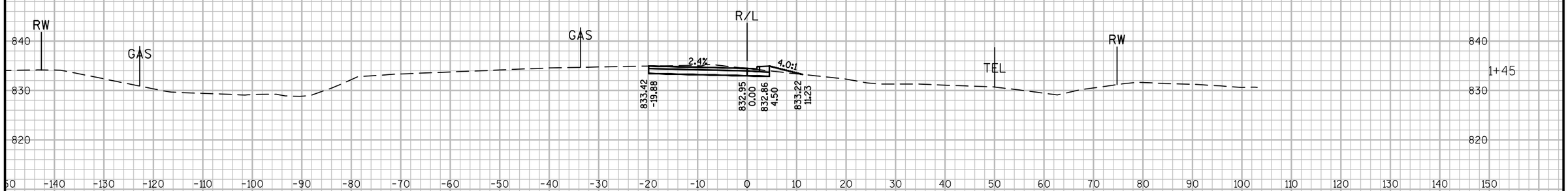
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD SW FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 34

PLOT DATE : 8/25/2016 1:08 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT







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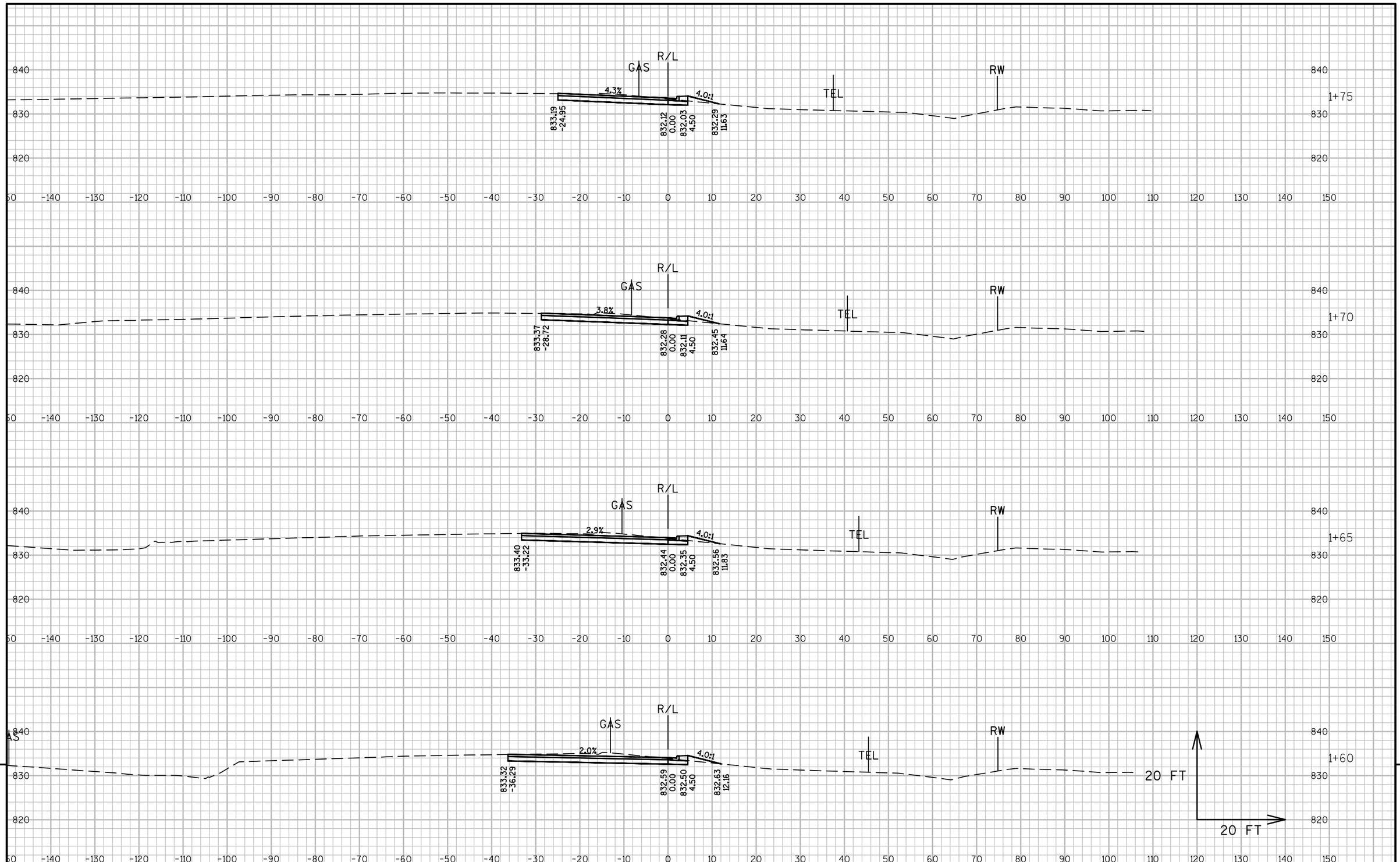
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD SW FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 35

PLOT DATE : 8/25/2016 1:08 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

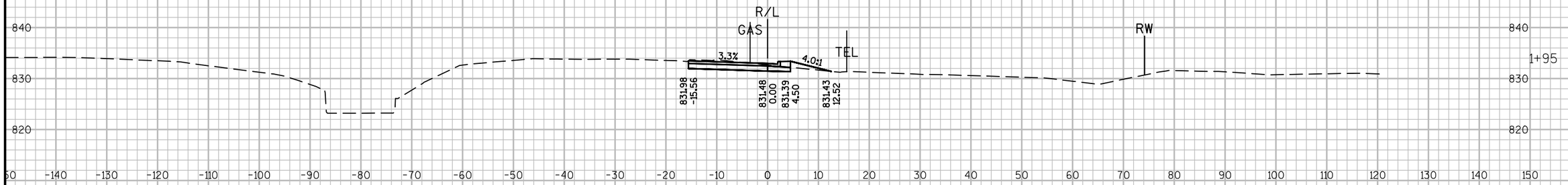


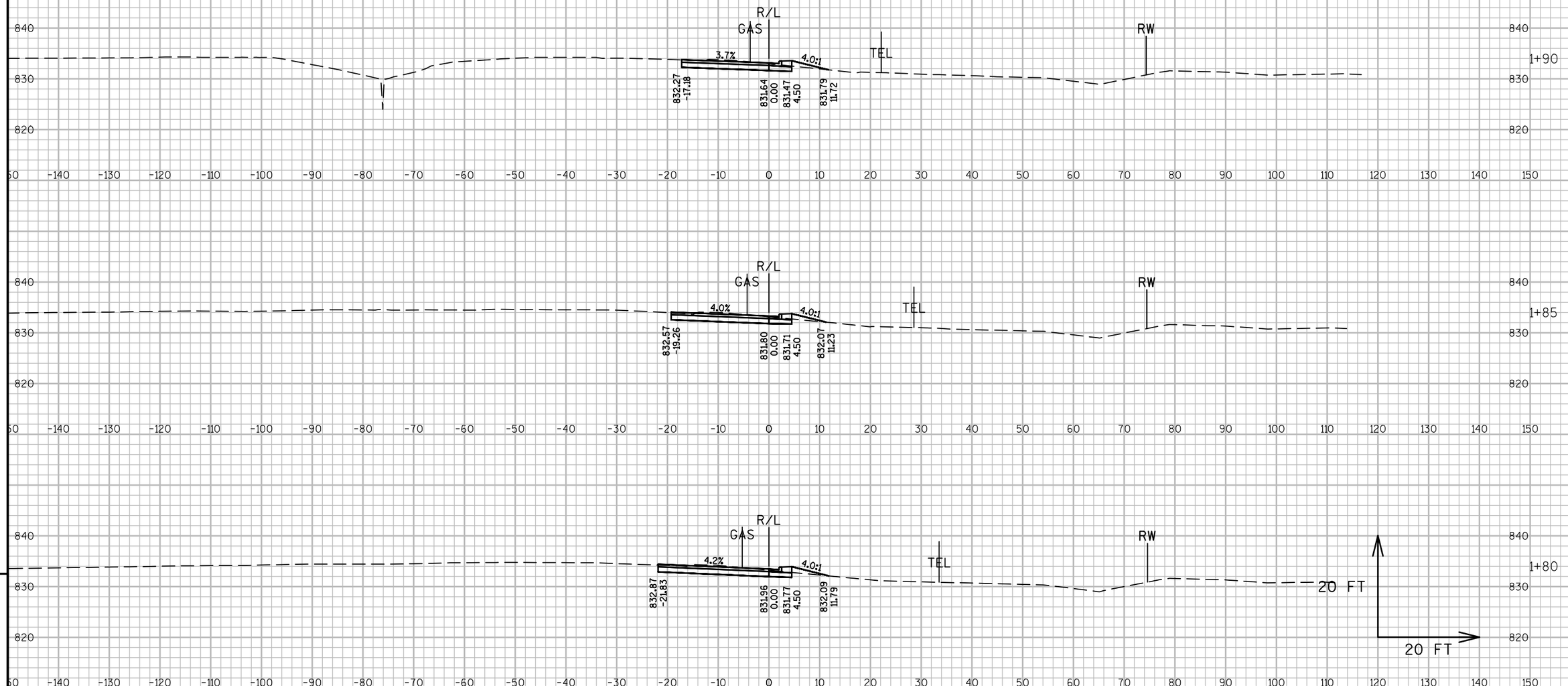
PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD SW FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 36

PLOT DATE : 8/25/2016 1:09 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





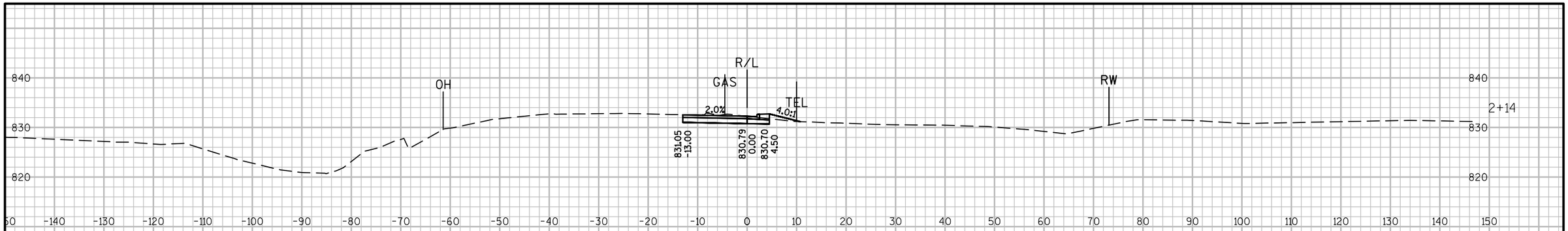
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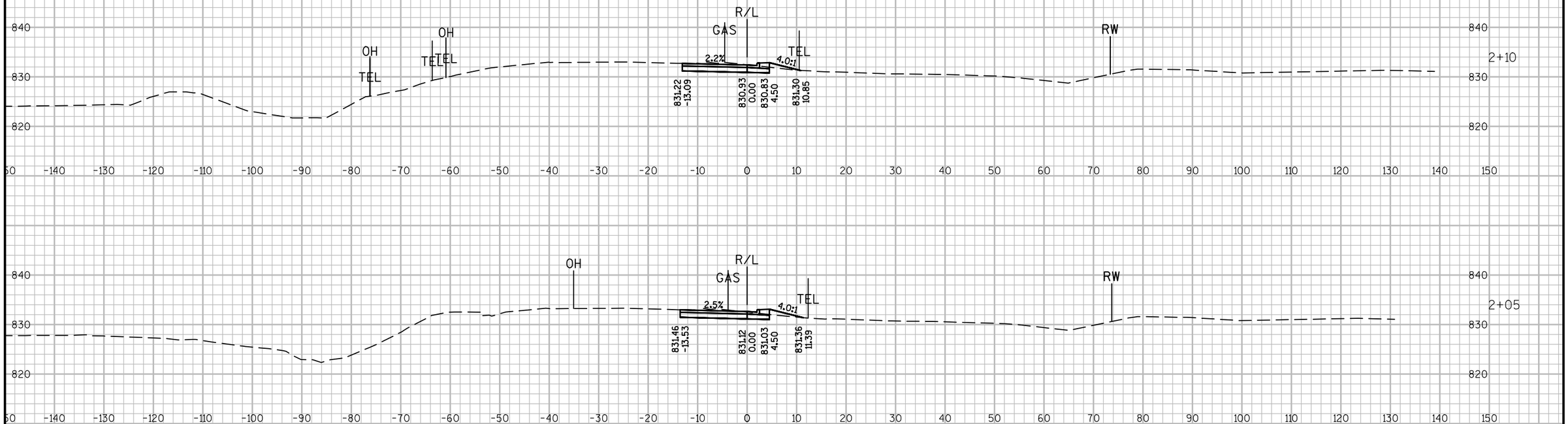
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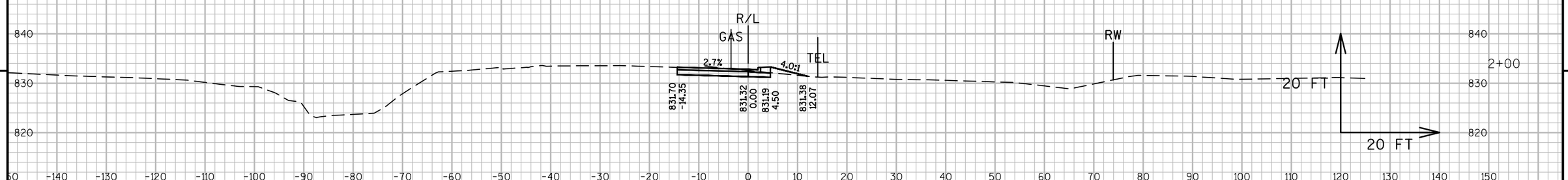
PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD SW FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 37

PLOT DATE : 8/25/2016 1:10 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT





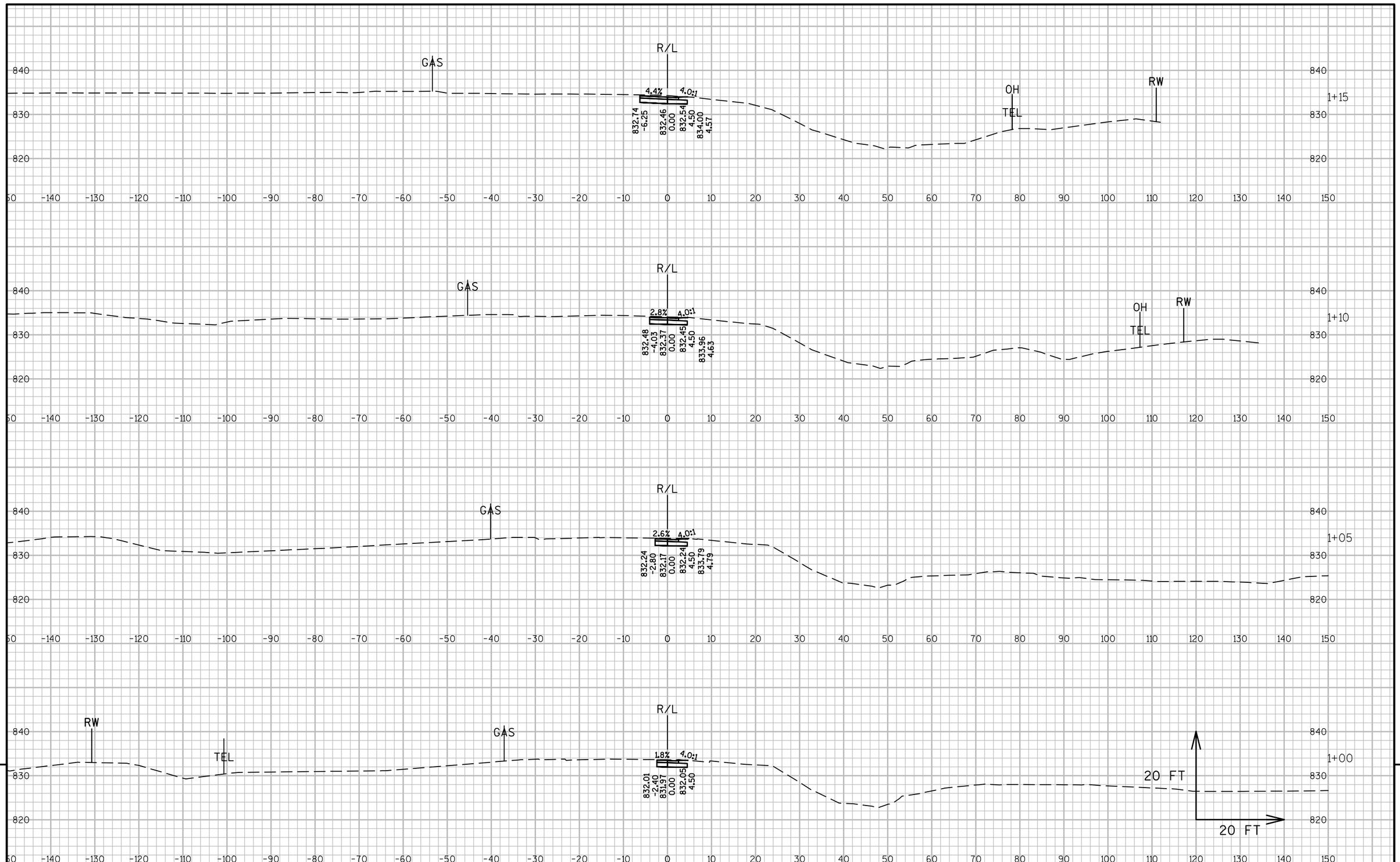


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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD SW FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 38
PLOT DATE : 8/25/2016 1:11 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



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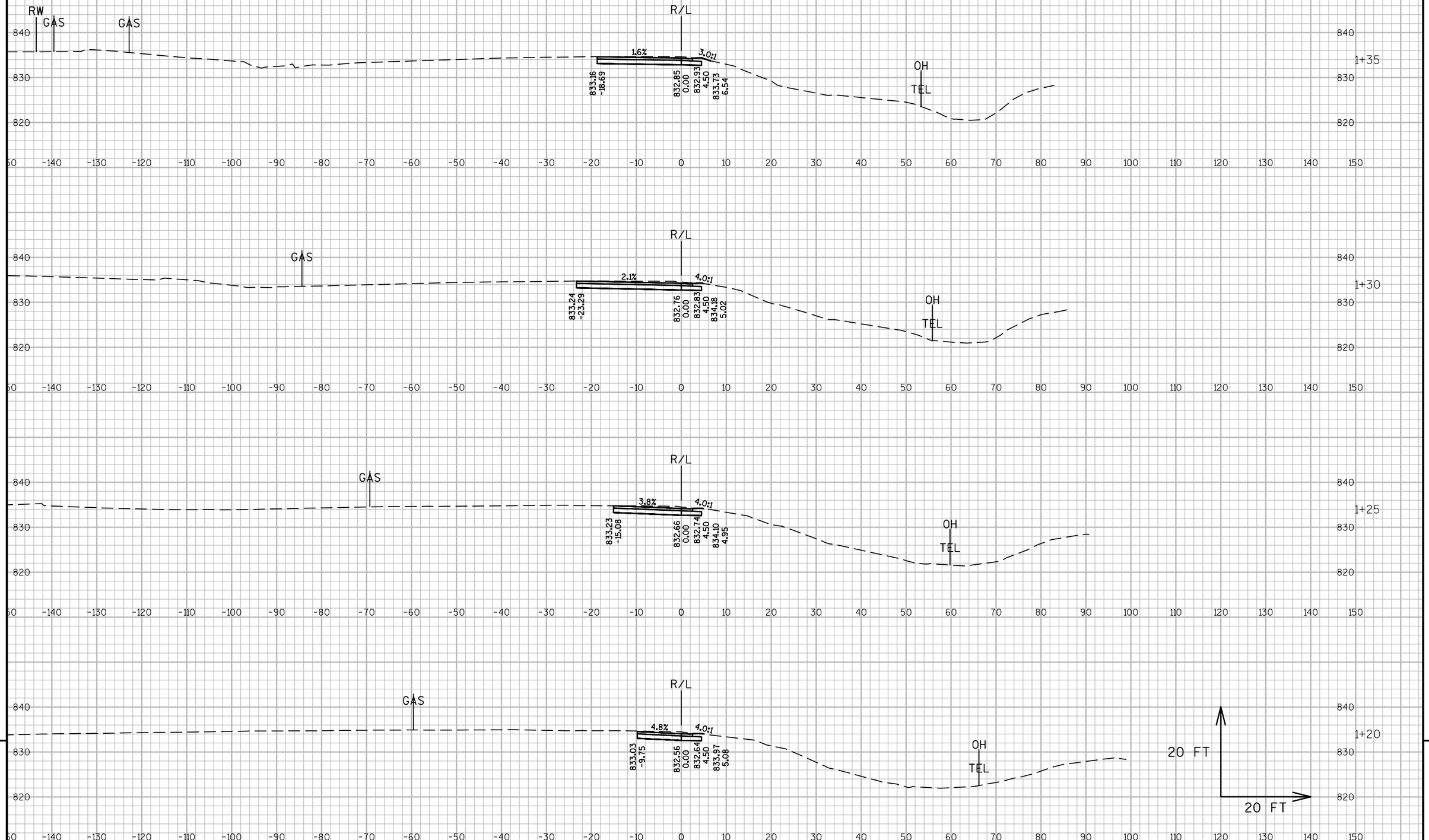
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD SE FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 39

PLOT DATE : 8/25/2016 1:12 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

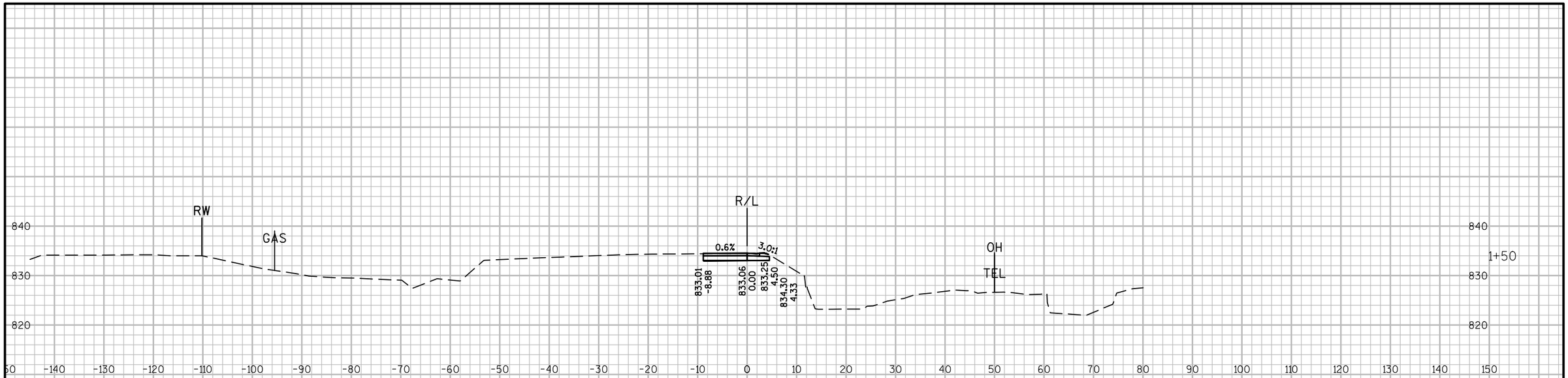
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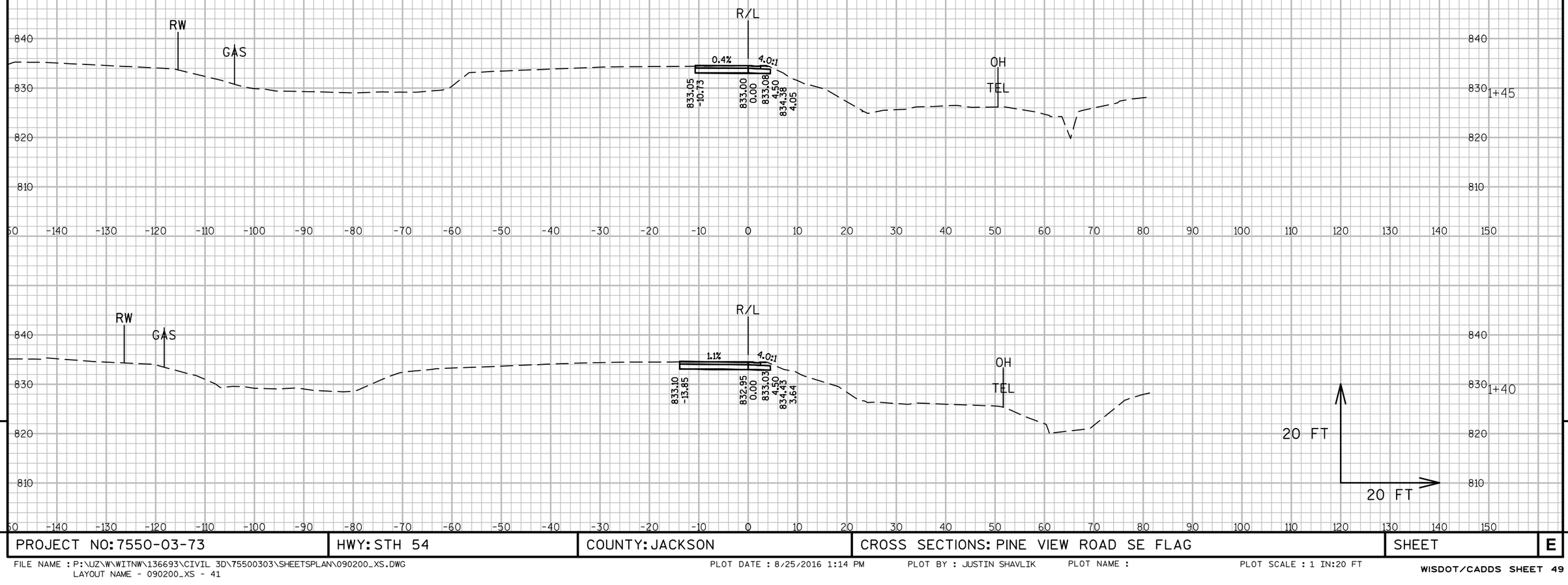
PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD SE FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 40

PLOT DATE : 8/25/2016 1:13 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





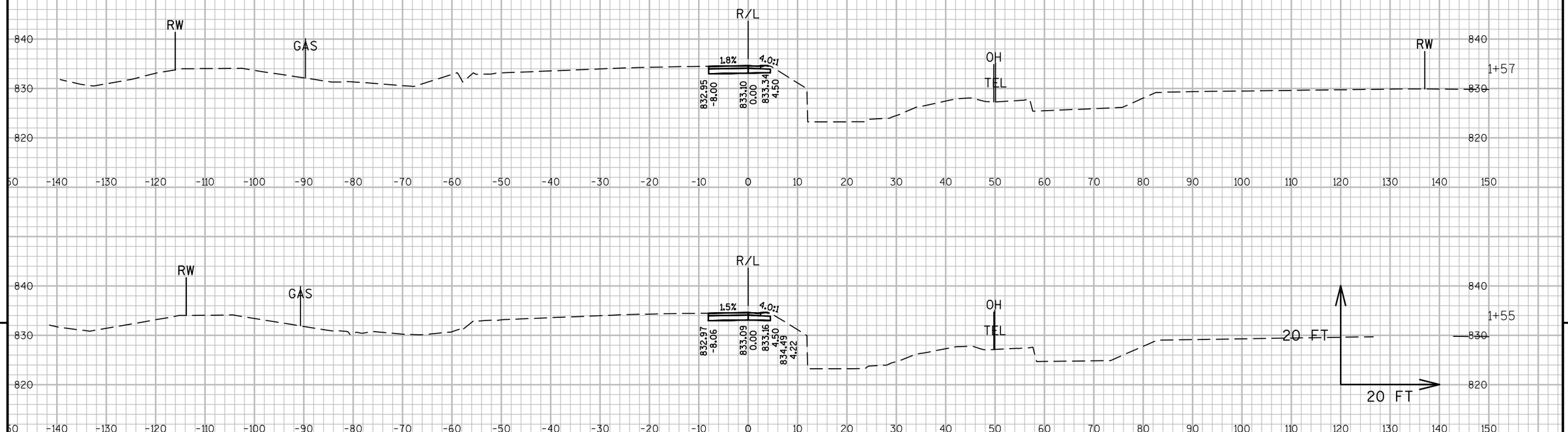
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PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD SE FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 41

PLOT DATE : 8/25/2016 1:14 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT



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9

PROJECT NO: 7550-03-73	HWY: STH 54	COUNTY: JACKSON	CROSS SECTIONS: PINE VIEW ROAD SE FLAG	SHEET	E

FILE NAME : P:\UZ\W\WITNW\136693\CIVIL 3D\75500303\SHEETSPLAN\090200_XS.DWG
LAYOUT NAME - 090200_XS - 42
PLOT DATE : 8/25/2016 1:15 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49